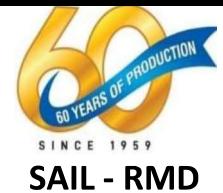


RMD MONTHLY INFORMATICS



OCTOBER-2020



PPC
RMD KOLKATA



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Performance Highlights

Production & Despatch:

- RMD Mines achieved 100% APP of both production & despatch in October'20.
- RMD has achieved highest ever Iron ore Production in any month since inception. 22.30 Lakh T; Previous best 21.10 Lakh T in Feb-20
- RMD has achieved highest ever Iron ore Despatch in any month since inception.
 - 22.24 Lakh T; Previous best 20.63 Lakh T in Sept-20
 - 594 Rakes; Previous Best 587 Rakes in Jan-20
- Bolani Ore Mines has achieved highest ever Iron ore despatch in any month since inception: 6.90 Lakh T; Previous best 6.83 Lakh T in Sept-20
- Highest ever Iron Ore Production / Despatch for any month of October since inception.
 - a. Kalta::
 - i. Production: 2, 16, 169 T (Previous Best 1, 72, 753 T in Oct'17)
 - ii. Despatch: 2, 17,086 T (Previous Best 1, 53, 607 T in Oct'18)
 - b. Taldih::
 - I. Production: 90, 355 T (Previous Best 86, 938 T in Oct'19)
 - II. Despatch: 89, 745 T (Previous Best 86, 052 T in Oct'19)
- Bolani Mines has achieved highest ever departmental production in a day: 20,210T on 17/10/2020 (Previous best: 19,680 T on 14/02/2020)

Performance Highlights

Production & Despatch:

- Bolani Mines has achieved highest ever departmental production in a Shift: 9,150T in C shift-C on 17/10/2020 (Previous best: 8,220 T in Shift B on 28/07/2019)
- Kiriburu: Highest nos of trips (127) in a Shift :C Shift on 20/09/2020.

SALE of Fines

a. RMD: Despatches for sale.

(Lakh T)	October-20	Cum. 2020-21
Bolani	3.02	6.67
Barsua	1.35	2.60
Total	4.37	9.27

b. RMD: Booking for sale.

(Lakh T)	October-20	Cum. 2020-21
Bolani	4.00	9.40
Barsua	0.72	3.36
Barsua(tailings)	1.00	1.00
Total	5.72	13.76

Others Highlights:

- Govt. of Odisha has sanctioned final CTO; permitting sale of tailings from Barsua Mines on 22/10/2020.

Rake Despatch Performance

Unit: Nos of Rake

MINES	FOR THE MONTH OF OCTOBER-20					20-21 TILL THE MONTH OF OCTOBER-20				
	CBT	ACT	%FF	Oct'19	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
KIRIBURU	98	94	96	90	4	686	464	68	673	-31
MEGHATUBURU	87	87	100	91	-4	609	346	57	651	-47
BOLANI	145	184	127	117	57	1015	888	87	928	-4
BARSUA	50	55	110	52	6	350	323	92	273	18
TALDIH	25	26	104	25	4	175	157	90	121	30
KALTA	55	56	102	26	115	385	387	101	199	94
GUA	95	90	95	80	13	665	420	63	614	-32
CHIRIA	15	2	13	22	-91	105	39	37	113	-65
RMD TOTAL	570	594	104	503	18	3990	3024	76	3572	-15

PLANTS	COMM	FOR THE MONTH OF OCTOBER-20					20-21 TILL THE MONTH OF OCTOBER-20				
		CBT	ACT	%FF	Oct'19	GRTH %	CBT	ACT	%FF	CPLY	GRTH %
BSL	LUMP		64.2		46.4	38		289.3	0.0	416.8	-31
	FINES		74.8		75.6	-1		484.7	0.0	686.2	-29
	TOTAL	165	139.0	84	122.0	14	825	774.0	94	1103.0	-30
DSP	LUMP		45.0		28.8	56		201.1	0	230.4	-13
	FINES		49.0		43.2	13		299.9	0	404.6	-26
	TOTAL	80	94.0	118	72.0	31	400	501.0	125	635.0	-21
RSP	LUMP		58.0		43.9	32		311.2	0	380.7	-18
	FINES		127.0		79.1	61		582.8	0	622.3	-6
	TOTAL	165	185.0	112	123.0	50	825	894.0	108	1003.0	-11
ISP	LUMP		19.4		19.1	2		154.8	0	173.6	-11
	FINES		40.6		76.9	-47		404.2	0	524.4	-23
	TOTAL	130	60.0	46	96.0	-38	650	559.0	86	698.0	-20
BSP	LUMP					0		4.0	0		0
	FINES		4.0		14.0	-71		52.0	0	133.0	-61
	TOTAL	30	4.0	13	14.0	-71	150	56.0	37	133.0	-58
SALES	FINES		112.0					240.0			
SAIL TOTAL	LUMP		186.6		138.2	35		960.4	0	1201.5	-20
	FINES		295.4		288.8	2		2063.6		2370.5	-13
	TOTAL	570	594.0	104	427.0	39	2850	3024.0	106	3572.0	-15

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

Oct-20

UNIT 000 TONNES

PRODUCTION

MINE & RATED CAP	COMM.	PLAN	FOR MONTH				GRTH % OVER LSTYR Oct-19	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2020-21	TGT	ACT	%FF	LAST YR Oct-19		TGT	ACT	%FF	LAST YR		
KIRIBURU 5500	L	900	60	98	162.8	102	-4.3	435	455	105	660	-31.1	
	F	3200	250	293	117.2	236	24.4	1550	1493	96.3	1625	-8.1	
	T	4100	310	391	126.0	338	15.7	1985	1947	98.1	2285	-14.8	61
MEGHAHATUBURU 5000	L	750	65	105	161.5	104	1.1	375	356	94.8	579	-38.6	
	F	2750	300	257	85.8	227	13.3	1105	924	83.6	1541	-40.1	
	T	3500	365	362	99.3	331	9.5	1480	1279	86.4	2120	-39.7	44
BOLANI 6500	L	2100	190	222	116.7	181	22.4	1165	1040	89.3	1316	-20.9	
	F	4100	360	377	104.7	256	47.1	2290	2156	94.1	2175	-0.9	
	T	6200	550	598	108.8	437	36.9	3455	3196	92.5	3491	-8.4	84
BARSUA 2500	L	750	75	70	93.2	58	21.2	410	383	93.5	348	10.1	
	F	1450	140	148	105.7	80	84.3	745	742	99.6	523	41.7	
	T	2200	215	218	101.3	138	57.9	1155	1125	97.4	872	29.1	77
TALDIH 1000	L	350	35	47	134.9	33	44.3	180	201	111	182	10.4	
	F	650	60	43	71.9	54	-20.4	350	300	85.8	233	28.7	
	T	1000	95	90	95.1	87	3.9	530	501	94.5	415	20.7	86
KALTA 2500	L	1100	100	99	98.5	52	88.5	618	605	97.9	360	68.3	
	F	1200	90	118	130.7	42	178.4	665	848	128	274	209.2	
	T	2300	190	216	113.8	95	128.7	1283	1453	113	634	129.2	100
GUA 4000	L	900	85	74	87.4	81	-7.9	415	383	92.4	595	-35.5	
	F	2700	265	244	92.1	208	17.1	1335	1072	80.3	1494	-28.3	
	T	3600	350	318	90.9	289	10.1	1750	1455	83.1	2089	-30.3	62
MANOHARPUR 750	L	350	30	13	42.9	33	-61.2	160	74	46.2	188	-60.7	
	F	400	25	23	92.5	36	-35.9	188	87	46.3	221	-60.7	
	T	750	55	36	65.4	69	-48.1	348	161	46.3	410	-60.7	17
TOTAL 27750	L	7200	640	727	113.6	643	13.0	3758	3497	93.1	4228	-17.3	
	F	16450	1490	1503	100.9	1140	31.8	8228	7621	92.6	8088	-5.8	
	T	23650	2130	2230	104.7	1784	25.0	11986	11118	92.8	12315	-9.7	69

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

Oct-20

UNIT 000 TONNES

DESPATCHES

MINE	COMM.	PLAN	FOR THE MONTH				GRTH % OVER LSTYR Oct-19	TILL THE MONTH				GRTH % OVER LSTYR	STOCKS AT MINES AS ON			
		2020-21	TGT	ACT	%FF	LAST YR Oct-19		TGT	ACT	%FF	LAST YR		YEAR BEGN.	MTH BEGN.	MTH END	
		L	900	65	80	122.4	101	-21.4	435	410	94.2	660	-37.9	22	49	69
KIRIBURU		F	3200	300	283	94.2	222	27.3	1475	1377	93.4	1764	-21.9	1023	1127	1137
		T	4100	365	362	99.2	323	12.1	1910	1787	93.6	2424	-26.3	1045	1176	1206
MEGHAHATUBURU		L	750	65	95	146.2	99	-3.6	375	328	87.4	638	-48.7	29	55	65
		F	2750	285	252	88.3	239	5.1	1095	1008	92.1	1780	-43.3	267	189	196
		T	3500	350	347	99.1	338	2.6	1470	1336	90.9	2418	-44.7	296	244	261
BOLANI		L	2100	190	184	96.7	158	16.0	1145	1065	93	1301	-18.2	85	21	59
		F	4100	370	507	136.9	262	93.6	2185	2218	102	2068	7.3	1873	1927	1799
		T	6200	560	690	123.3	420	64.3	3330	3283	98.6	3369	-2.5	1958	1948	1858
BARSUA		L	750	65	57	88.3	43	33.1	365	359	98.2	353	1.6	67	46	59
		F	1450	150	149	99.1	128	16.3	631	748	119	569	31.5	198	187	189
		T	2200	215	206	95.8	171	20.6	996	1106	111	922	20.1	265	233	248
TALDIH		L	350	30	44	147.7	31	41.2	190	206	108	182	13.1	44		2
		F	650	60	45	75.7	55	-16.9	340	313	92	228	37.1	253	6	6
		T	1000	90	90	99.7	86	4.3	530	518	97.8	410	26.5	297	6	8
KALTA		L	1100	100	97	96.9	54	80.9	618	607	98.2	401	51.5			7
		F	1200	90	120	133.6	40	197.9	665	849	128	325	161.3	8	9	7
		T	2300	190	217	114.3	94	131.2	1283	1456	113	725	100.6	8	9	7
GUA		L	900	85	72	84.7	65	10.6	420	392	93.4	528	-25.7	48	64	70
		F	2700	265	233	87.9	195	19.6	1390	1035	74.5	1448	-28.5	272	363	382
		T	3600	350	305	87.2	260	17.4	1810	1427	78.9	1976	-27.8	320	427	452
MANOHARPUR		L	350	35	7	20.3	30	-76.1	162	77	47.6	194	-60.2	1	2	7
		F	400	30			50	-100.0	185	65	35.4	213	-69.3	7	1	24
		T	750	65	7	11.0	80	-91.1	347	143	41.1	407	-65.0	8	3	31
TOTAL		L	7200	635	636	100.1	581	9.4	3710	3442	92.8	4256	-19.1	296	237	331
		F	16450	1550	1588	102.5	1191	33.4	7966	7614	95.6	8394	-9.3	3901	3809	3740
		T	23650	2185	2224	101.8	1772	25.5	11676	11057	94.7	12650	-12.6	4197	4046	4071

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

Oct-20

UNIT '000 TE

DEVELOPMENT									
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FOR MONTH			LAST YR Oct-19	GRTH %	TILL MONTH			LAST YR Oct-19	GRTH % LSTYR
TGT	ACT	%FF			TGT	ACT	%FF		

KIRIBURU	210	171	82	66	161	1,060	939	89	870	8
MEGHAHATUBURU	325	263	81	309	-15	2,288	2,004	88	1,903	5
BOLANI	400	263	66	128	105	2,165	1,541	71	1,104	40
BARSUA	107	41	39	55	-25	548	420	77	342	23
TALDIH	45	38	84	1	3771	330	165	50	62	166
KALTA	30	-		24	-100	210	-		210	-100
GUA	190	113	59	42	171	910	656	72	404	63
MANOHARPUR	15	3	20	-		74	3	4	12	-75
TOTAL	1,322	893	68	624	43	7,585	5,728	76	4,907	16.7

ROM									
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KIRIBURU	340	391	115	338	16	2,110	1,947	92	2,286	-15
MEGHAHATUBURU	385	348	90	328	6	1,650	1,298	79	2,318	-44
BOLANI	550	550	100	438	26	3,455	3,158	91	3,460	-9
BARSUA	245	222	91	144	54	1,275	1,212	95	899	35
TALDIH	95	70	73	136	-49	530	563	106	570	-1
KALTA	190	226	119	111	103	1,283	1,537	120	715	115
GUA	350	318	91	289	10	1,750	1,455	83	2,089	-30
MANOHARPUR	55	36	65	69	-48	348	161	46	410	-61
TOTAL	2,210	2,160	98	1,853	17	12,401	11,332	91	12,745	-11.1

TOTAL EXCAVATION									
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KIRIBURU	550	562	102	403	39	3,170	2,886	91	3,156	-9
MEGHAHATUBURU	710	611	86	636	-4	3,938	3,302	84	4,222	-22
BOLANI	950	813	86	566	44	5,620	4,699	84	4,564	3
BARSUA	352	263	75	199	32	1,823	1,632	90	1,240	32
TALDIH	140	108	77	137	-22	860	729	85	632	15
KALTA	220	226	103	135	67	1,493	1,537	103	925	66
GUA	540	431	80	331	30	2,660	2,111	79	2,493	-15
MANOHARPUR	70	39	56	69	-44	422	164	39	422	-61
TOTAL	3,532	3,053	86	2,477	23	19,986	17,060	85	17,652	-3.4

Performance against Last Year

Unit in T

PREVIOUS 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	228031	176200	51831	334980	290790	44190	92799	84005	8794	2493834	1782379	711455
May-19	513762	305010	208752	600080	348300	251780	677697	570506	107191	256843	180023	76820	53438	53438		212959	159400	53559	373590	292950	80640	62702	61609	1093	2751071	1971236	779835
Jun-19	518580	360630	157950	611100	335430	275670	736765	583665	153100	219139	160464	58675	87789	74811	12978	180931	129100	51831	355590	312750	42840	37068	35059	2009	2746962	1991909	755053
Jul-19	462420	359820	102600	596481	317610	278871	666320	548798	117522	210022	158842	51180	116769	103413	13356	89383	84200	5183	323473	293490	29983	47976	47976		2512844	1914149	598695
Aug-19	410850	320490	90360	578915	350100	228815	599032	493051	105981	187353	135788	51565	63168	47652	15516	27700	27700		410345	322830	87515	65108	65108		2342471	1762719	579752
Sep-19	370170	297810	72360	617661	309330	308331	586581	277302	309279	165141	116906	48235	127412	108322	19090	50700	26700	24000	363856	286830	77026	46629	46629		2328150	1469829	858321
Oct-19	403290	337680	65610	636394	327510	308884	565753	437635	128118	199221	144171	55050	137310	136330	980	134900	111400	23500	330721	289080	41641	69265	69265		2476854	1853071	623783
Total	3155992	2286000	869992	4221641	2318490	1903151	4563989	3459543	1104446	1240131	898606	341525	631727	569582	62145	924604	714700	209904	2492555	2088720	403835	421547	409651	11896	17652186	12745292	4906894

THIS YEAR EXCAVATION PERFORMANCE 2020-21																											
	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-20	387810	270810	117000	584381	242010	342371	725760	413388	312372	225072	160817	64255	120420	80030	40390	351000	351000		346122	276813	69309	36098	36098		2776663	1830966	945697
May-20	407340	140580	266760	493348	13590	479758	578407	294279	284128	165976	20776	145200	61896	58571	3325	241000		251000	251000	45449	45449	45449		2244416	814245	1430171	
Jun-20	404910	209430	195480	395360	71460	323900	537979	394799	143180	221991	161006	60985	74255	54410	19845	168300	168300		220975	152822	68153	43448	43448		2067218	1255675	811543
Jul-20	319680	261090	58590	310320	163800	146520	617615	481527	136088	229972	188992	40980	163076	116229	46847	197000	197000		260287	240127	20160				2097950	1648765	449185
Aug-20	319410	265590	53820	434520	205020	229500	668427	474701	193726	238328	208358	29970	91113	78949	12164	170000	170000		266229	219791	46438				2188027	1622409	565618
Sep-20	484830	409230	75600	473310	254070	219240	757433	549432	208001	287296	250426	36870	110374	105404	4970	183600	183600		335406	247000	88406				2632249	1999162	633087
Oct-20	562138	390690	171448	610920	347940	262980	813352	550136	263216	263308	221868	41440	107653	69713	37940	225800	225800		431135	318300	112835	38980	35980	3000	3053286	2160427	892859
Total	2886118	1947420	938698	3302159	1297890	2004269	4698973	3158262	1540711	1631943	1212243	419700	728787	563306	165481	1536700	1536700		2111154	1454853	656301	163975	160975	3000	17059809	11331649	5728160

Change Over Last Year	-269874	-338580	68706	-919482	-1020600	101118	134984	-301281	436265	391812	313637	78175	97060	-6276	103336	612096	822000	-209904	-381401	-633867	252466	-257572	-248676	-8896	-592377	-1413643	821266
%Chg	-8.6	-14.8	7.9	-21.8	-44.0	5.3	3.0	-8.7	39.5	31.6	34.9	22.9	15.4	-1.1	166.3	66.2	115.0	-100.0	-15.3	-30.3	62.5	-61.1	-60.7	-74.8	-3.4	-11.1	16.7

Performance against Last Year

Unit in T

PREVIOUS YEAR PRODUCTION PERFORMANCE 2019-20																											
	Kiriburu			Megahatuburu			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	262700	335635	215460	379261	594721	90186	89837	180023	27238	21392	48630	68818	82737	151555	86275	206675	292950	25831	35778	61609	667206	1302927	1970133
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	10403	29490	39893	23714	3041	26755	86283	236547	322830	21773	43335	65108	564189	1115676	1679865
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	1541327	2119992	1316008	2175096	3491104	348305	523444	871749	181717	233250	414967	359618	274258	633877	594633	1494087	2088720	188381	221271	409652	4227559	8087931	12315490

THIS YEAR PRODUCTION PERFORMANCE 2020-21																											
	Kiriburu			Megahatuburu			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-20	64085	206725	270810	51803	160986	212789	136306	288167	424473	51170	85597	136767	33616	36738	70355	106802	235996	342798	66417	210396	276813	18389	17709	36098	528589	1242314	1770903
May-20	25584	114996	140580	5607	22768	28375	96999	219500	316499	6951	10005	16956	5637	47970	53607	108804	101477	210281				25469	19980	45449	275052	536696	811747
Jun-20	41022	168408	209430	14642	43026	57668	121270	290359	411629	54800	82246	137046	9080	40289	49369	78058	81644	159702	33850	118972	152822	17225	26223	43448	369946	851167	1221114
Jul-20	58333	202757	261090	42889	113523	156412	146271	299586	445857	53712	123265	176977	39561	55821	95382	75207	118042	193249	66507	173620	240127				482480	1086614	1569094
Aug-20	75920	189670	265590	59885	148633	208518	151743	308688	460431	66087	133446	199533	35155	28731	63886	67234	91139	158373	71951	147840	219791				527975	1048148	1576122
Sep-20	91760	317470	409230	75728	177426	253154	166162	372920	539082	80769	159242	240011	30384	47599	77983	70466	101947	172413	70290	176710	247000				585559	1353315	1938873
Oct-20	97670	293020	390690	104972	257445	362417	221639	376797	598436	69868	147970	217838	47218	43137	90355	98518	117651	216169	74303	243997	318300	12859	23121	35980	727047	1503138	2230185
Total	454374	1493046	1947420	355526	923807	1279333	1040390	2156017	3196407	383357	741771	1125128	200651	300286	500937	605089	847896	1452985	383318	1071535	1454853	73942	87033	160974	3496647	7621391	11118038

Change Over Last Year	DIFF	-205857	-132152	-338009	-223139	-617520	-840659	-275618	-19079	-294697	35052	218327	253379	18934	67036	85970	245471	573638	819109	-211315	-422552	-633867	-114439	-134238	-248677	-730912	-466540	-1197452
	%Chg	-31	-8	-15	-39	-40	-40	-21	-1	-8	10	42	29	10	29	21	68	209	129	-36	-28	-30	-61	-61	-61	-17	-6	-10

Performance against Last Year

Unit in Te	PREVIOUS 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	
THIS YEAR DESPATCH PERFORMANCE 2020-21																												
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-20	66305	122229	188534	50658	99991	150649	128843	178047	306890	51317	46778	98095	28439	32205	60644	107184	239373	346557	62011	137549	199560	21689	20062	41751	516447	876233	1392679	
May-20	27981	137685	165666	12068	68827	80896	110724	199681	310404	13806	40785	54591	9881	48182	58064	103125	87802	190927	1511	47544	49055	19272	19272	298369	630506	928875		
Jun-20	33764	159932	193696	7938	46056	53994	111060	246099	357159	42264	67458	109721	12945	48462	61407	76404	85476	161881	38881	110634	149515	14061	35941	50003	337317	800058	1137375	
Jul-20	51193	188141	239333	47127	146006	193133	169389	285601	454990	55216	134510	189725	42366	58097	100462	78673	124465	203138	76091	159113	235204	15022	9464	24486	535076	1105396	1640471	
Aug-20	71997	210938	282935	56690	174447	231137	171166	309240	480406	65734	127504	193238	33305	32698	66003	68172	94912	163085	66151	187274	253425				533215	1137013	1670228	
Sep-20	78824	275767	354590	58079	221420	279499	189990	493032	683022	72815	182172	254987	34312	47804	82116	76327	96635	172963	75554	159978	235532				585901	1476808	2062709	
Oct-20	79552	282565	362117	95023	251743	346766	183675	506711	690386	57374	148689	206063	44308	45437	89745	96876	120210	217086	71997	233056	305053	7121	7121	635926	1588411	2224337		
Total	409616	1377256	1786872	327583	1008489	1336072	1064847	2218410	3283258	358525	747895	1106420	205556	312884	518440	606762	848874	1455636	392196	1035148	1427344	77165	65468	142633	3442250	7614425	11056675	
Change Over Last Year	DIFF	-250304	-386327	-636631	-310546	-771477	-1082023	-236286	150783	-85503	5752	179056	184808	23832	84696	108528	206145	524022	730167	-135827	-412957	-548784	-116877	-147444	-264321	-814111	-779647	-1593758
	%Chg	-37.9	-21.9	-26.3	-48.7	-43.3	-44.7	-18.2	7.3	-2.5	1.6	31.5	20.1	13.1	37.1	26.5	51.5	161.3	100.6	-25.7	-28.5	-27.8	-60.2	-69.3	-65.0	-19.1	-9.3	-12.6

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Oct-20

बोकारो इस्पात संयंत

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL									
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%
KRB	60	80	133	395	398	101	101	294	95	87	91	735	1008	137	766	32	155	166	107	1130	1406	124	867	62
MBR	65	75	116	375	301	80	326	-8	85	66	78	545	399	73	607	-34	150	142	94	920	700	76	933	-25
BOL	72	94	131	140	269	192	381	-29	100	100	100	275	279	101	300	-7	172	194	113	415	548	132	681	-20
BAR					74		353	-79	40			80	15	18	534	-97	40			80	89	111	887	-90
TAL		7			7		162	-96		11			11		96	-89		18			18		258	-93
KAL	50			110			3	-100		4		100	130	130	45	189	50	4	8	210	130	62	49	168
GUA							29	-100							79	-100							108	-100
MPR	35	7	20	155	71	46	136	-47				35	4	10	77	-95	35	7	20	190	75	39	213	-65
RMD TOT	282	263	93	1175	1121	95	1492	-25	320	268	84	1770	1845	104	2503	-26	602	531	88	2945	2966	101	3995	-26
DRZ						23																23		
PUR																								
GR TOT	282	263	93	1175	1144	97	1492	-23	320	268	84	1770	1845	104	2503	-26	602	531	88	2945	2988	101	3995	-25

FLUXES

KTR	40	48	120	152	160	105	271	-41
TDMR							46	-100
TOT	40	48	120	152	160	105	317	-50

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Oct-20

दूगापूर 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									4			19					4			19					
MBR							5	-100		11			11			105	-89		11			11		110	-90
BOL	114	88	77	695	677	97	660	3	130	103	79	1120	990	88	1072	-8	244	191	78	1815	1667	92	1733	-4	
BAR																									
TAL																									
KAL						4																	4		
GUA	10	42	415	45	52	116	170	-69	145	89	61	210	119	57	320	-63	155	130	84	255	172	67	490	-65	
MPR																									
RMD TOT	124	130	105	740	734	99	835	-12	275	206	75	1330	1138	86	1497	-24	399	336	84	2070	1872	90	2333	-20	
DRZ																									
PUR																									
GR TOT	124	130	105	740	734	99	835	-12	275	206	75	1330	1138	86	1497	-24	399	336	84	2070	1872	90	2333	-20	

FLUXES

KTR	5	4	82	20	16	80	32	-50
TDMR								
TOT	5	4	82	20	16	80	32	-50

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Oct-20

राउरकेला इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF			APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF			
KRB	5			40	11	28	559	-98	75	158	211	250	185	74	791	-77	80	158	198	290	197	68	1350	-85	
MBR		20			27		307	-91	40	131	328	160	321	200	848	-62	40	151	377	160	347	217	1155	-70	
BOL																									
BAR	65	57	88	365	260	71			30	14	46	240	473	197	35	1255	95	71	75	605	733	121	35	1998	
TAL	30	37	125	190	199	105	20	901	60	34	57	340	302	89	132	128	90	72	80	530	501	94	152	229	
KAL	50	97	194	508	603	119	397	52	60	116	194	515	695	135	280	148	110	213	194	1023	1298	127	677	92	
GUA										30			30		11	179		30				30		11	179
MPR				7	6	83	55	-89	30			150	62	41	130	-53	30				157	68	43	185	-63
RMD TOT	150	211	141	1110	1104	100	1338	-17	295	484	164	1655	2068	125	2227	-7	445	695	156	2765	3172	115	3565	-11	
DRZ																									
PUR																									
GR TOT	150	211	141	1110	1104	100	1338	-17	295	484	164	1655	2068	125	2227	-7	445	695	156	2765	3172	115	3565	-11	

FLUXES

KTR	15	20	135	50	52	104	159	-67
TDMR							11	-100
TOT	15	20	135	50	52	104	170	-69

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Oct-20

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									18			18			18		18			18			18	
MBR									20	43	217	150	278	185	220	26	20	43	217	150	278	185	220	26
BOL	4	1	28	310	119	38	259	-54	20	2	12	270	282	105	696	-59	24	3	14	580	401	69	955	-58
BAR					10																	10		
TAL																								
KAL																								
GUA	75	30	41	375	340	91	328	3	120	115	96	1180	869	74	785	11	195	145	74	1555	1208	78	1113	9
MPR							3	-100							3	-100							7	-100
RMD TOT	79	32	40	685	468	68	591	-21	160	178	112	1600	1447	90	1722	-16	239	210	88	2285	1915	84	2313	-17
DRZ																								
PUR																								
GR TOT	79	32	40	685	468	68	591	-21	160	178	112	1600	1447	90	1722	-16	239	210	88	2285	1915	84	2313	-17

FLUXES

KTR							
TDMR							
TOT							

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Oct-20

भिलाई 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			YR	%		
KRB									65	16	24	385	148	38	206	-28	65	16	24	385	148	38	206	-28				
MBR																												
BOL																												
BAR						15																					15	
TAL																												
KAL									30			50	23	47				30			50	23	47					
GUA												18		254	-93						18		254	-93				
MPR														3	-100								3	-100				
RMD TOT						15			95	16	16	435	189	43	463	-59	95	16	16	435	204	47	463	-56				
DRZ																												
PUR																												
GR TOT						15			95	16	16	435	189	43	463	-59	95	16	16	435	204	47	463	-56				
FLUXES																												
KTR	25	24	97	108	92	85	318	-71																				
TDMR														30	-100													
TOT	25	24	97	108	92	85	348	-74																				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

Oct-20

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	65	80	122	435	410	94	660	-38	235	283	120	1370	1377	101	1782	-23	300	362	121	1805	1787	99	2442	-27
MBR	65	95	146	375	328	87	638	-49	145	252	174	855	1008	118	1780	-43	210	347	165	1230	1336	109	2418	-45
BOL	190	184	97	1145	1065	93	1301	-18	250	204	82	1665	1551	93	2068	-25	440	388	88	2810	2616	93	3369	-22
BAR	65	57	88	365	359	98	353	2	70	14	20	320	488	152	569	-14	135	71	53	685	847	124	922	-8
TAL	30	44	148	190	206	108	182	13	60	45	76	340	313	92	228	37	90	90	100	530	518	98	410	26
KAL	100	97	97	618	607	98	401	51	90	120	134	665	849	128	325	161	190	217	114	1283	1456	113	725	101
GUA	85	72	85	420	392	93	528	-26	265	233	88	1390	1035	74	1448	-29	350	305	87	1810	1427	79	1976	-28
MPR	35	7	20	162	77	48	194	-60	30			185	65	35	213	-69	65	7	11	347	143	41	407	-65
RMD TOT	635	636	100	3710	3442	93	4256	-19	1145	1151	101	6790	6687	98	8412	-21	1780	1787	100	10500	10129	96	12668	-20
DRZ					23																	23		
PUR																								
GR TOT	635	636	100	3710	3465	93	4256	-19	1145	1151	101	6790	6687	98	8412	-21	1780	1787	100	10500	10152	97	12668	-20

FLUXES

KTR	85	97	114	330	320	97	780	-59
TDMR						86		-100
TOT	85	97	114	330	320	97	866	-63

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

**Oct-20
Sale & Pellets**

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	YR	%	APP	ACT	%FF	APP	ACT	%FF		
KRB									65			105					65			105				
MBR									140			240					140			240				
BOL									120	302	252	520	667	128			120	302	252	520	667	128		
BAR									80	135	169	311	260	84			80	135	169	311	260	84		
TAL																								
KAL																								
GUA																								
RMD TOT									405	437	108	1176	927	79			405	437	108	1176	927	79		
PUR																								
DRZ																								
GR TOT									405	437	108	1176	927	79			405	437	108	1176	927	79		

FLUX MINES OPERATIONS

Oct-20

UNIT 000 TONNES

PRODUCTION

MINE		PLAN	FOR THE MONTH				GRTH % OVER LSTYR Oct-19	TILL THE MONTH				GRTH % OVER LSTYR
			2020-21	TGT	ACT	%FF		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	750	85	104	122.5	109	-4.7	330	324	98.1	774	-58.2
TULSIDAMAR	DOLO					17	-100.0				110	-100.0
RMD TOTAL		750	85	104	122.5	126	-17.3	330	324	98.1	884	-63.4

DESPATCHES

MINE		PLAN	FOR THE MONTH				GRTH % OVER LSTYR Oct-19	TILL THE MONTH				GRTH % OVER LSTYR
			2020-21	TGT	ACT	%FF		TGT	ACT	%FF	LAST YR	
KUTESHWAR	LST	750	85	97	113.7	111	-12.8	330	320	96.9	780	-59.0
TULSIDAMAR	DOLO					21	-100.0				86	-100.0
RMD TOTAL		750	85	97	113.7	132	-26.8	330	320	96.9	866	-63.1

Performance against Last Year

Unit in Te	PREVIOUS 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	124344	127962	17721	4121	142065	132083
Total	664383	669196	93292	64952	757675	734148

THIS YEAR FLUX PERFORMANCE 2020-21						
	KTR		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-20						
May-20						
Jun-20	29363	27019			29363	27019
Jul-20	49730	51998			49730	51998
Aug-20	59214	64410			59214	64410
Sep-20	81441	79651			81441	79651
Oct-20	104090	96631			104090	96631
Total	323838	319710			323838	319710

Over Last Year

DIFF	-340545	-349487	-93292	-64952	-433837	-414439
%Chg	-51.3	-52.2	-100.0	-100.0	-57.3	-56.5

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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	4	2	10	10	62	4.3	2.5	5	40	TDM	NORM	30	18	5	5	10
	MTH ACT	61.75	4.74	2.04	18.38	21.85	60.57	6.05	2.41	6.3	42.13		MTH ACT					
CUM	2020-21	62.12	4.27	2.04	17.56	21.6	61.29	5.1	2.42	5.68	39.88	CUM	2020-21					
CUM	2019-20	62.72	3.33	2.07	20.7	18.57	61.51	4.46	2.61	8.41	33.38	CUM	2019-20	26.97	16.69	5.79	5.02	8.18

MBR	NORM	62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	61.94	4.28	2.27	16.14	23.95	61.13	5.24	2.51	6.29	40.86		MTH ACT	43.09	4.96	4.22	8.09	25.8
CUM	2020-21	61.74	4.47	2.42	15.87	26.07	61.08	5.26	2.61	5.66	40.29	CUM	2020-21	43.63	4.77	3.90	7.15	28.38
CUM	2019-20	62.83	3.29	1.96	17.25	21.26	61.48	4.81	2.39	6.06	35.95	CUM	2019-20	42.96	3.93	3.64	10.22	17.95

GUA	NORM	62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45
	MTH ACT										
CUM	2020-21										
CUM	2019-20	61.7	2.67	2.03	18.07	19.25	60.29	3.77	2.54	4.12	37.29

BOL	NORM	62.4	3.1	2.5	10	10	62.2	3.2	2.8	5	35
	MTH ACT	62.53	3.5	2.2	19.88	20.91	61.63	4.5	2.46	6.5	40.87
CUM	2020-21	62.57	3.45	2.17	20.44	20.9	61.67	4.48	2.43	5.78	40.2
CUM	2019-20	62.98	2.67	2.25	21.41	17.44	61.71	4.04	2.68	6.4	35.63

BAR	NORM	62.3	2.8	3	10	10	61.3	3.7	3.5	8	40
	MTH ACT										
CUM	2020-21	62.38	3.07	2.88	17.73	24.43	61.35	4.82	2.83	6.05	41.05
CUM	2019-20	62.71	2.56	2.76	18.78	16.84	61.14	4.08	3.53	6.23	33.53

KAL	NORM	63	2.6	2.2	5	5	63	2.9	2.5	5	40
	MTH ACT						62.65	3.06	2.35	3.9	35.5
CUM	2020-21						62.85	3.33	2.25	3.46	32.95
CUM	2019-20	62.72	2.81	2.73	9.33	24.17	62.34	3.59	2.43	4.77	34.46

MPR	NORM	63	2.5	2.2	10	10	63	2.8	2.4	5	40
	MTH ACT	63.41	2.24	2.03	12.2	21					
CUM	2020-21	63.31	2.38	2.27	8.99	15.94	62.94	3.28	2.24	4.2	34.5
CUM	2019-20	63.58	2.18	2.05	11.28	10.05	62.83	3.22	2.07	4.62	29.2

TAL	NORM	62.5	2.4	2.4	5	10	62.2	3	3	5	40
	MTH ACT	63.02	3.08	2.04	10.4	14.9	62.59	3.21	2.46	4.57	33.83
CUM	2020-21	63.02	3.08	2.04	10.4	14.9	62.59	3.21	2.46	4.57	33.83
CUM	2019-20	63.2	2.27	2.3	10.64	11	61.81	3.82	2.8	5.04	30.14

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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	4	2	10	10	62	4.3	2.5	5	40	TDM	NORM	30	18	5	5	10
	MTH ACT						62.87	2.83	1.97	8.23	34.93		MTH ACT					
CUM	2020-21						62.15	4.43	2.09	8.79	44.65	CUM	2020-21					
CUM	2019-20											CUM	2019-20					

MBR		62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
MTH ACT						60.77	6.73	2.65	5.90	44.05	MTH ACT		46.9	2.5	5.5	17	4.2	
CUM	2020-21						60.77	6.73	2.65	5.9	44.05	CUM	2020-21	46.7	1.67	3.62	8.94	9.86
CUM	2019-20	58.8	6.9	2.6	5.2	17.1	60.89	6.19	2.37	6.73	45.39	CUM	2019-20	45.54	1.84	4.47	12.31	27.93

GUA		62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45	KTR	NORM	50	2.25	3.5	5	5
MTH ACT	59.58	8.2	1.7	12.64	15.31	62.05	5.29	1.99	4.75	48.61	MTH ACT		46.9	2.5	5.5	17	4.2	
CUM	2020-21	59.86	7.4	1.87	15.11	14.46	61.72	5.44	2.12	4.57	47.29	CUM	2020-21	46.7	1.67	3.62	8.94	9.86
CUM	2019-20	61.85	3.86	2.1	13.95	12.49	62.39	3.64	2.48	4.61	48.94	CUM	2019-20	45.54	1.84	4.47	12.31	27.93

BOL		62.4	3.1	2.5	10	10	62.2	3.2	2.8	5	35	KTR	NORM	50	2.25	3.5	5	5
MTH ACT	62.63	3.2	1.45	26.49	11.56	63.05	3.24	1.92	8.96	40.27	MTH ACT		46.9	2.5	5.5	17	4.2	
CUM	2020-21	62.47	2.69	1.72	28.28	11.08	62.45	3.21	2.31	8.87	38.35	CUM	2020-21	46.7	1.67	3.62	8.94	9.86
CUM	2019-20	62.04	3.01	2.04	25.13	12.27	62.33	3.1	2.64	7.51	41.68	CUM	2019-20	45.54	1.84	4.47	12.31	27.93

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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	4	2	10	10	62	4.3	2.5	5	40	TDM	30	18	5	5	10
	MTH ACT						61.56	4.34	2.52	6.93	39.67						
CUM	2020-21	62.06	3.28	3.12	10.69	24.38	61.53	4.30	2.60	6.36	36.24	CUM	2020-21				
CUM	2019-20	62.11	4.02	2.57	15.60	21.43	61.48	4.32	2.60	7.56	39.74	CUM	2019-20	29.06	18.58	5.72	

MBR	NORM	62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	50	2.25	3.5	5	5
	MTH ACT	62.14	3.66	2.56	5.80	18.00	61.27	4.38	2.84	6.63	39.75		49.70	2.74	3.32		
CUM	2020-21	62.11	3.62	2.66	4.43	13.76	61.27	4.31	2.94	6.72	39.79	CUM	2020-21	49.10	2.94	3.71	
CUM	2019-20	62.08	4.02	2.64	18.06	21.20	61.52	4.21	2.64	9.68	35.69	CUM	2019-20	49.60	2.46	3.69	

GUA	NORM	62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45						
	MTH ACT						62.27	3.78	2.20								
CUM	2020-21						62.27	3.78	2.20								
CUM	2019-20						62.10	4.10	1.93	6.50	38.50						

BAR	NORM	62.3	2.8	3	10	10	61.3	3.7	3.5	8	40						
	MTH ACT	62.48	2.81	2.92	7.05	20.65	61.71	3.28	3.36	7.33	40.67						
CUM	2020-21	62.14	3.18	3.06	7.66	21.05	61.38	3.56	3.55	7.26	40.41						
CUM	2019-20	62.14	2.91	3.32	9.95	21.33	61.46	3.54	3.43	7.82	40.41						

KAL	NORM	63	2.6	2.2	5	5	63	2.9	2.5	5	40						
	MTH ACT	63.11	2.35	2.51	5.88	13.04	62.39	3.11	2.50	5.62	37.38						
CUM	2020-21	63.11	2.32	2.50	6.13	13.69	62.72	2.65	2.55	5.64	38.89						
CUM	2019-20	63.16	2.60	2.40	10.27	15.38	62.88	2.50	2.43	7.02	37.60						

MPR	NORM	63	2.5	2.2	10	10	63	2.8	2.4	5	40						
	MTH ACT																
CUM	2020-21	63.25	2.29	2.36	3.27	7.08	63.11	2.23	2.39	6.47	38.40						
CUM	2019-20	63.38	2.57	2.16	18.74	15.98	62.95	2.57	2.26	7.28	38.28						

TAL	NORM	62.5	2.4	2.4	5	10	62.2	3	3	5	40						
	MTH ACT	63.18	2.59	2.24	6.38	16.13	62.13	2.65	3.30	5.00	38.67						
CUM	2020-21	63.11	2.47	2.41	6.89	15.44	62.40	2.69	2.94	6.33	39.25						
CUM	2019-20	63.09	2.37	2.62	6.61	13.13	62.50	2.89	2.63	3.10	24.02						

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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	4	2	10	10	62	4.3	2.5	5	40	TDM	NORM	30	18	5	5	10
	MTH ACT						58.67	7.65	3.59	7.74	42.04		MTH ACT					
CUM	2020-21						58.67	7.65	3.59	7.74	42.04	CUM	2020-21					
CUM	2019-20											CUM	2019-20					

MBR	NORM	62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT						60.97	5.07	3.51	8.87	38.01		MTH ACT					
CUM	2020-21						61.46	4.41	3.27	8.96	38.02	CUM	2020-21					
CUM	2019-20						62.11	4.72	2.12	8.41	41.06	CUM	2019-20					

GUA	NORM	62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45							
	MTH ACT	63.19	3.45	1.94	12.42	5.60	61.90	4.42	2.73	7.11	42.66							
CUM	2020-21	63.18	3.29	2.03	15.55	4.96	62.06	4.01	2.86	7.11	42.15							
CUM	2019-20	63.11	3.56	1.78	14.02	6.51	62.9	3.72	2.06	7.07	46.31							

BOL	NORM	62.4	3.1	2.5	10	10	62.2	3.2	2.8	5	35							
	MTH ACT	63.37	3.08	1.91	8.30	3.80	62.12	3.83	2.94	8.94	30.32							
CUM	2020-21	63.10	3.36	1.95	24.68	4.24	62.19	3.62	2.99	9.15	40.52							
CUM	2019-20	63.07	3.66	1.88	23.47	6.32	62.52	3.76	2.48	8.71	40.57							

BAR	NORM	62.3	2.8	3	10	10	61.3	3.7	3.5	8	40							
	MTH ACT																	
CUM	2020-21	60.8	3.88	4.98	25.08	9.84												
CUM	2019-20																	

MPR	NORM	63	2.5	2.2	10	10	63	2.8	2.4	5	40							
	MTH ACT																	
CUM	2020-21																	
CUM	2019-20						62.65	4.43	2.56	5.78	47.69							

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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	4	2	10	10	62	4.3	2.5	5	40	TDM	NORM	30	18	5	5	10
	MTH ACT						60.91	6.23	2.05	9.23	36.03		MTH ACT					
CUM	2020-21						62.60	4.15	2.16	6.34	45.81	CUM	2020-21					
CUM	2019-20						62.33	4.25	2.49	8.37	43.22	CUM	2019-20	28.48	18.26	7.2	29.99	11.53

MBR		62.3	3.8	2.2	10	10	61	4.9	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
MTH ACT											MTH ACT		49.33	2.49	4.12	10.60	15.70	
CUM	2020-21											CUM	2020-21	49.66	2.38	3.85	7.55	14.38
CUM	2019-20											CUM	2019-20	49.85	2.16	3.87	9.05	18.42

GUA		62.5	3.5	2.1	10	10	62.5	3.7	2.3	5	45							
MTH ACT																		
CUM	2020-21						60.18	6.36	3.26	4.03	42.42							
CUM	2019-20						62.85	4.35	2.13	2.61	54.33							

BAR		62.3	2.8	3	10	10	61.3	3.7	3.5	8	40							
MTH ACT																		
CUM	2020-21	61.61	3.27	3.25	40.63	10.59												
CUM	2019-20																	

KAL		63	2.6	2.2	5	5	63	2.9	2.5	5	40							
MTH ACT																		
CUM	2020-21						63.70	3.55	2.64	1.35	47.10							
CUM	2019-20						62.89	3.62	2.69	2.23	48.01							

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.34	3.76	2.37	17.65	20.27	6.13	0.63	1047714
APP 20-21	62.50	4.00	2.00	10.00	10.00	6.00	0.50	
Apr-20	62.68	3.43	2.05	20.03	17.76	5.48	0.60	70527
May-20	62.81	2.97	2.43	13.95	25.09	5.40	0.82	27981
Jun-20	62.61	3.50	2.13	13.34	23.67	5.63	0.61	33764
Jul-20	62.58	3.43	2.25	15.30	23.87	5.69	0.66	51294
Aug-20	62.10	4.28	2.05	17.43	21.61	6.33	0.48	68381
Sep-20	61.26	5.74	1.88	18.17	21.55	7.62	0.33	78610
Oct-20	61.75	4.74	2.04	18.38	21.85	6.78	0.43	83407
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.12	4.25	2.07	17.37	21.68	6.32	0.49	413964

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	61.63	4.38	2.60	8.17	36.95	6.98	0.59	2937149
APP 20-21	62.00	4.30	2.50	5.00	40.00	6.80	0.58	
Apr-20	61.52	4.27	2.76	7.82	39.10	7.03	0.65	122327
May-20	62.15	3.93	2.54	6.26	33.75	6.47	0.64	137409
Jun-20	62.18	4.12	2.26	5.03	41.04	6.38	0.55	152670
Jul-20	61.83	4.25	2.59	4.94	42.88	6.85	0.61	192612
Aug-20	60.94	5.84	2.32	5.25	41.17	8.16	0.40	207293
Sep-20	61.07	5.71	2.22	5.73	42.85	7.93	0.39	267013
Oct-20	61.07	5.14	2.51	6.91	40.33	7.65	0.49	275974
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	61.44	4.92	2.43	5.95	40.62	7.35	0.49	1355298

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.58	3.53	2.18	17.48	21.23	5.71	0.62	1095394
APP 20-21	62.30	3.80	2.20	10.00	10.00	6.00	0.58	
Apr-20	62.57	3.47	2.26	14.02	24.41	5.72	0.65	46036
May-20	61.87	4.17	2.53	17.43	20.63	6.70	0.61	15877
Jun-20	61.00	5.05	3.03	19.90	18.90	8.08	0.60	7938
Jul-20	61.68	4.09	2.89	15.96	27.43	6.98	0.71	38877
Aug-20	61.46	4.73	2.59	14.90	31.32	7.32	0.55	98087
Sep-20	61.50	5.13	2.12	17.24	22.86	7.25	0.41	66207
Oct-20	61.98	4.14	2.33	13.83	22.62	6.48	0.56	89794
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	61.77	4.41	2.44	15.28	25.59	6.85	0.55	362816

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फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	61.53	4.72	2.44	7.39	37.44	7.16	0.52	2863144
APP 20-21	61.00	4.90	2.60	5.00	40.00	7.50	0.53	
Apr-20	61.32	4.92	2.57	6.55	39.05	7.49	0.52	103855
May-20	61.89	4.07	2.77	7.62	40.01	6.85	0.68	72029
Jun-20	61.53	4.83	2.65	5.66	41.01	7.48	0.55	44880
Jul-20	61.43	4.61	2.95	6.76	39.93	7.56	0.64	140237
Aug-20	60.97	4.96	3.06	6.74	39.04	8.02	0.62	172822
Sep-20	61.11	4.78	3.00	7.35	39.02	7.78	0.63	217554
Oct-20	61.17	4.80	2.85	6.86	39.94	7.66	0.59	251276
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	61.24	4.76	2.89	6.90	39.54	7.65	0.61	1002653

बोलानी

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.47	3.05	2.06	23.92	12.38	5.11	0.68	2050355
APP 20-21	62.40	3.10	2.50	10.00	10.00	5.60	0.81	
Apr-20	62.86	2.57	1.86	27.93	11.67	4.43	0.72	127088
May-20	62.50	2.97	2.05	31.03	8.10	5.02	0.69	108272
Jun-20	62.73	2.45	1.84	24.51	9.33	4.29	0.75	106987
Jul-20	62.23	3.23	2.15	25.07	12.64	5.38	0.66	159098
Aug-20	62.63	2.87	1.57	29.50	12.08	4.44	0.55	164235
Sep-20	62.53	2.99	1.81	22.72	15.40	4.80	0.61	185095
Oct-20	62.58	3.35	1.84	22.96	16.32	5.19	0.55	187868
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.57	2.96	1.86	25.88	12.78	4.83	0.63	1038643

गुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.84	3.57	1.85	14.15	8.29	5.42	0.52	971413
APP 20-21	62.50	3.50	2.10	10.00	10.00	5.60	0.60	
Apr-20	63.56	3.05	1.60	28.59	3.19	4.65	0.52	65457
May-20	56.00	9.80	3.10	22.50	8.80	12.90	0.32	1690
Jun-20	62.21	4.32	2.27	24.95	4.92	6.59	0.53	37257
Jul-20	63.51	2.54	2.33	9.18	5.18	4.87	0.92	75915
Aug-20	62.88	3.63	2.07	8.49	5.47	5.70	0.57	63943
Sep-20	62.98	3.45	2.04	14.93	6.52	5.49	0.59	73170
Oct-20	61.12	6.18	1.80	12.55	11.18	7.98	0.29	80403
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.68	3.90	2.01	15.53	6.35	5.91	0.51	397835

बोलानी

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.31	3.42	2.60	7.72	40.54	6.02	0.76	3640773
APP 20-21	62.20	3.20	2.80	5.00	35.00	6.00	0.88	
Apr-20	62.37	2.86	2.69	8.14	41.20	5.55	0.94	158750
May-20	62.14	3.23	3.01	7.83	41.48	6.24	0.93	192288
Jun-20	62.42	2.81	2.39	10.51	37.95	5.20	0.85	132210
Jul-20	61.79	4.24	2.59	7.51	36.39	6.83	0.61	268742
Aug-20	62.40	3.50	2.21	8.43	38.04	5.71	0.63	270361
Sep-20	62.45	3.50	2.16	8.19	39.48	5.66	0.62	243798
Oct-20	62.33	3.88	2.20	7.72	40.47	6.08	0.57	200197
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.25	3.52	2.44	8.20	39.09	5.96	0.69	1466346

गुआ

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.77	3.80	2.16	5.92	47.61	5.96	0.57	2417238
APP 20-21	62.50	3.70	2.30	5.00	45.00	6.00	0.62	
Apr-20	62.85	3.58	2.02	6.48	45.96	5.61	0.56	142807
May-20	62.79	3.29	2.59	7.85	40.64	5.88	0.79	46141
Jun-20	62.13	3.65	3.09	6.50	44.67	6.74	0.85	104695
Jul-20	62.53	3.50	2.78	6.97	41.34	6.28	0.79	152056
Aug-20	61.07	4.69	3.51	8.08	39.24	8.20	0.75	169861
Sep-20	61.39	4.81	2.97	6.22	41.19	7.78	0.62	161302
Oct-20	62.01	4.70	2.35	5.98	45.52	7.06	0.50	226526
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.00	4.20	2.75	6.73	42.88	6.96	0.66	1003388

बरसुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.43	2.74	3.02	14.70	19.15	5.75	1.10	764040
APP 20-21	62.30	2.80	3.00	10.00	10.00	5.80	1.07	
Apr-20	62.05	3.39	2.95	37.34	13.13	6.34	0.87	51318
May-20	62.10	2.69	3.25	28.88	18.25	5.94	1.21	13806
Jun-20	62.29	3.12	3.06	17.23	21.08	6.18	0.98	45123
Jul-20	62.25	2.84	3.24	14.69	20.11	6.08	1.14	51837
Aug-20	62.00	3.23	3.27	9.51	23.78	6.49	1.01	69114
Sep-20	61.86	3.77	2.87	7.47	21.34	6.64	0.76	72815
Oct-20	62.48	2.81	2.92	7.05	20.65	5.73	1.04	65499
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.14	3.19	3.05	14.93	20.22	6.25	0.96	369512

तल्डीह

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	63.13	2.34	2.47	8.99	12.81	4.81	1.06	387144
APP 20-21	62.50	2.40	2.40	5.00	10.00	4.80	1.00	
Apr-20	63.10	2.50	2.40	6.30	14.00	4.90	0.96	28500
May-20	63.10	2.33	2.33	5.30	13.70	4.66	1.00	9952
Jun-20	63.10	2.53	2.33	6.50	14.00	4.86	0.92	9080
Jul-20	63.10	2.28	2.55	7.86	14.71	4.83	1.12	44530
Aug-20	63.03	2.29	2.68	6.90	16.10	4.97	1.17	39227
Sep-20	63.15	2.80	2.13	7.25	17.00	4.93	0.76	32258
Oct-20	63.15	2.67	2.21	7.02	15.93	4.88	0.83	44551
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	63.11	2.49	2.40	7.01	15.41	4.88	0.96	208098

बरसुआ

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	61.27	3.85	3.49	6.87	36.26	7.35	0.91	1102998
APP 20-21	61.30	3.70	3.50	8.00	40.00	7.20	0.95	
Apr-20	61.60	3.30	3.50	8.00	40.00	6.80	1.06	40785
May-20	61.36	3.36	3.72	8.00	40.40	7.08	1.11	40784
Jun-20	61.43	3.77	3.31	7.11	40.13	7.08	0.88	126937
Jul-20	61.54	3.36	3.48	7.50	40.83	6.84	1.04	123190
Aug-20	61.44	3.51	3.53	6.60	40.80	7.04	1.01	131361
Sep-20	61.01	4.03	3.68	7.35	39.71	7.71	0.91	103421
Oct-20	61.71	3.28	3.36	7.33	40.67	6.64	1.02	13837
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	61.40	3.60	3.50	7.25	40.38	7.10	0.97	580315

तल्डीह

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.35	3.09	2.66	4.92	34.79	5.75	0.86	605598
APP 20-21	62.20	3.00	3.00	5.00	40.00	6.00	1.00	
Apr-20	62.70	2.60	2.60	6.00	38.00	5.20	1.00	32000
May-20	62.68	2.55	2.68	6.50	39.20	5.23	1.05	48182
Jun-20	62.71	2.41	2.76	6.00	40.00	5.17	1.15	40289
Jul-20	62.65	2.39	2.87	6.67	40.67	5.26	1.20	65492
Aug-20	62.69	2.50	2.71	7.00	38.50	5.21	1.08	32698
Sep-20	61.37	3.61	3.54	6.50	38.50	7.15	0.98	52992
Oct-20	62.27	2.82	3.04	4.87	37.20	5.86	1.08	40066
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.41	2.71	2.92	6.26	39.04	5.63	1.08	311719

मनोहरपूर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	63.53	2.26	2.08	12.37	10.81	4.34	0.92	375543
APP 20-21	63.00	2.50	2.20	10.00	10.00	4.70	0.88	
Apr-20	63.30	2.33	2.26	10.48	10.24	4.59	0.97	22245
May-20	63.17	2.70	2.26	7.12	15.46	4.96	0.84	19471
Jun-20	63.41	2.35	2.23	6.31	13.73	4.58	0.95	10558
Jul-20	63.36	2.16	2.43	9.18	21.08	4.59	1.13	19140
Aug-20								
Sep-20								
Oct-20	63.41	2.24	2.03	12.20	21.00	4.27	0.91	7121
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	63.31	2.38	2.28	8.93	15.62	4.65	0.96	78535

काल्टा

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	63.14	2.61	2.41	10.19	15.82	5.02	0.92	845508
APP 20-21	63.00	2.60	2.20	5.00	5.00	4.80	0.85	
Apr-20	63.10	2.40	2.40	6.20	13.60	4.80	1.00	109393
May-20	63.10	2.42	2.43	5.80	14.00	4.85	1.00	99534
Jun-20	63.06	2.20	2.65	6.38	14.21	4.85	1.20	76043
Jul-20	63.11	2.16	2.70	6.45	14.09	4.86	1.25	80072
Aug-20	63.06	2.27	2.57	6.10	13.40	4.84	1.13	72169
Sep-20	63.20	2.37	2.33	6.44	13.44	4.70	0.98	69182
Oct-20	63.11	2.35	2.51	5.88	13.04	4.86	1.07	97155
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	63.10	2.32	2.51	6.15	13.68	4.83	1.08	603548

मनोहरपूर

फाईंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.90	2.73	2.25	6.41	35.70	4.98	0.82	349237
APP 20-21	63.00	2.80	2.40	5.00	40.00	5.20	0.86	
Apr-20	63.10	2.40	2.30	6.00	39.00	4.70	0.96	16141
May-20								
Jun-20	63.14	2.26	2.37	6.49	37.65	4.62	1.05	35974
Jul-20	63.00	2.17	2.60	6.50	38.50	4.77	1.20	10455
Aug-20								
Sep-20								
Oct-20								
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	63.10	2.28	2.39	6.37	38.14	4.67	1.05	62570

काल्टा

फाईंस

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	PLANT RCT
Act 19-20	62.81	2.72	2.44	6.55	37.46	5.16	0.89	825355
APP 20-21	63.00	2.90	2.50	5.00	40.00	5.40	0.86	
Apr-20	62.95	2.69	2.47	5.11	38.87	5.17	0.92	222845
May-20	62.85	2.81	2.48	4.94	35.57	5.30	0.88	87917
Jun-20	62.85	2.89	2.41	4.75	36.66	5.30	0.84	86359
Jul-20	62.83	2.49	2.57	5.39	40.29	5.05	1.03	129816
Aug-20	62.90	2.58	2.47	5.39	39.38	5.05	0.96	97129
Sep-20	62.44	3.05	2.66	5.06	36.99	5.71	0.87	102126
Oct-20	62.40	3.11	2.49	5.56	37.31	5.60	0.80	121423
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.77	2.78	2.51	5.19	38.13	5.29	0.90	847615

गुणवत्ता :: बोकारो

लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
Act 19-20	62.92	2.85	2.20	17.50	17.40	5.05	0.77	
APP 20-21	62.54	3.39	2.23	10.00	10.00	5.62	0.66	
Apr-20	62.75	3.27	2.14	17.73	18.80	5.41	0.65	154338
May-20	62.67	3.18	2.43	15.73	20.54	5.61	0.76	73628
Jun-20	62.56	3.35	2.38	14.49	22.64	5.73	0.71	78491
Jul-20	62.47	3.30	2.52	18.00	22.18	5.83	0.76	159864
Aug-20	61.90	4.23	2.38	16.84	26.55	6.61	0.56	216803
Sep-20	61.71	4.93	2.01	17.07	22.82	6.94	0.41	212475
Oct-20	62.16	4.05	2.16	17.96	21.85	6.21	0.53	264079
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.21	3.94	2.25	17.16	22.53	6.19	0.57	1159678

गुणवत्ता:: दूर्गापूर

लम्प

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
Act 19-20	62.00	3.15	2.06	23.31	12.37	5.21	0.65	
APP 20-21	62.41	3.15	2.45	10.00	10.00	5.60	0.78	
Apr-20	62.92	2.00	1.83	27.08	11.79	3.83	0.92	85930
May-20	61.64	3.07	2.21	30.45	11.18	5.28	0.72	61360
Jun-20	62.79	1.95	1.83	25.49	10.85	3.78	0.94	86905
Jul-20	61.93	3.27	2.02	28.11	11.47	5.29	0.62	99645
Aug-20	62.59	2.77	1.39	32.28	9.85	4.16	0.50	123240
Sep-20	62.38	2.76	1.75	26.48	11.25	4.51	0.64	124605
Oct-20	61.59	4.90	1.53	21.79	12.83	6.43	0.31	136045
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.26	3.07	1.74	27.10	11.35	4.81	0.57	717730

गुणवत्ता :: बोकारो

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
Act 19-20	61.51	4.37	2.68	6.77	34.33	7.05	0.61	
APP 20-21	61.92	4.08	2.53	5.00	40.00	6.61	0.62	
Apr-20	61.55	4.58	2.55	7.04	37.14	7.13	0.56	232293
May-20	61.86	4.16	2.67	5.59	33.09	6.83	0.64	186996
Jun-20	62.00	4.30	2.34	4.76	37.48	6.64	0.54	214788
Jul-20	61.55	4.46	2.68	4.79	41.51	7.14	0.60	295312
Aug-20	61.03	5.46	2.45	4.94	40.96	7.92	0.45	310961
Sep-20	61.19	5.54	2.16	5.52	41.57	7.71	0.39	343998
Oct-20	61.22	5.11	2.45	6.26	40.89	7.56	0.48	271961
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	61.43	4.89	2.45	5.52	39.47	7.35	0.50	1856309

गुणवत्ता:: दूर्गापूर

फाईन्स

BLEND

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECEP
Act 19-20	62.23	3.40	2.60	7.03	43.00	6.00	0.76	
APP 20-21	62.10	3.38	2.76	5.00	40.00	6.14	0.82	
Apr-20	62.34	2.69	2.80	8.18	41.32	5.49	1.04	128440
May-20	61.62	3.19	3.08	6.30	41.25	6.27	0.97	75595
Jun-20	62.42	2.81	2.39	10.51	37.95	5.20	0.85	132210
Jul-20	61.93	4.20	2.33	8.07	34.70	6.53	0.55	168025
Aug-20	62.64	3.22	2.08	9.23	37.58	5.30	0.65	211640
Sep-20	62.52	3.45	2.11	8.82	39.77	5.56	0.61	198315
Oct-20	62.48	4.33	1.99	6.88	44.04	6.32	0.46	210470
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.35	3.50	2.29	8.38	39.46	5.79	0.65	1124695

गुणवत्ता :: राउरकेला

BLEND

लाम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	62.58	3.21	2.63	12.70	18.53	5.84	0.82	
APP 20-21	62.54	2.87	2.49	10.00	10.00	5.36	0.87	
Apr-20	63.06	2.47	2.42	5.83	12.83	4.89	0.98	147023
May-20	63.07	2.42	2.45	5.89	14.26	4.88	1.01	113044
Jun-20	63.06	2.31	2.59	6.47	14.80	4.89	1.12	90975
Jul-20	62.87	2.40	2.79	7.74	16.27	5.19	1.16	167774
Aug-20	62.70	2.59	2.83	7.17	16.72	5.42	1.10	165573
Sep-20	62.67	2.98	2.51	7.14	17.13	5.49	0.84	170717
Oct-20	62.85	2.65	2.59	6.31	16.28	5.24	0.98	220214
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.87	2.57	2.61	6.59	15.68	5.19	1.01	1075320

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

लाम्प

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	63.10	3.60	1.82	17.42	6.44	5.41	0.50	
APP 20-21	62.47	3.37	2.23	10.00	10.00	5.60	0.66	
Apr-20	63.39	3.33	1.58	30.33	3.23	4.91	0.48	85020
May-20	63.45	3.02	1.87	31.64	3.27	4.89	0.62	44820
Jun-20	62.11	4.19	2.56	22.83	5.24	6.75	0.61	70379
Jul-20	63.40	2.66	2.33	9.82	5.41	4.99	0.88	93480
Aug-20	62.92	3.58	2.07	8.52	5.55	5.65	0.58	69540
Sep-20	63.28	3.23	1.98	13.58	5.67	5.21	0.61	69540
Oct-20	63.20	3.44	1.94	12.27	5.54	5.38	0.56	35460
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	63.11	3.32	2.07	18.08	4.87	5.39	0.62	468239

गुणवत्ता :: राउरकेला

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	61.97	3.57	2.66			6.23	0.75	
APP 20-21	62.00	3.68	2.79	5.00	40.00	6.47	0.76	
Apr-20	62.69	2.63	2.65			5.28	1.01	271325
May-20	62.33	2.81	2.90			5.71	1.03	151577
Jun-20	62.45	2.68	2.84			5.52	1.06	164580
Jul-20	62.29	2.76	3.01			5.77	1.09	316174
Aug-20	61.99	3.23	3.04			6.27	0.94	305623
Sep-20	61.44	3.85	3.22			7.07	0.84	366234
Oct-20	61.76	3.88	2.66			6.54	0.68	474992
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	62.04	3.26	2.90			6.17	0.89	2050505

गुणवत्ता :: बनंपुर इस्पात संयंत्र

BLEND

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si	RECPT
Act 19-20	62.65	3.88	2.22	7.84	43.54	6.10	0.57	
APP 20-21	62.18	3.83	2.44	5.00	40.00	6.27	0.64	
Apr-20	62.85	3.54	2.04	6.71	45.44	5.58	0.58	163740
May-20	62.65	3.20	2.83	8.93	41.71	6.03	0.88	187080
Jun-20	62.16	3.71	3.02	6.59	44.79	6.73	0.81	125411
Jul-20	62.14	3.80	2.99	7.59	39.98	6.79	0.79	257341
Aug-20	60.97	4.75	3.57	8.32	38.22	8.32	0.75	225480
Sep-20	61.46	4.54	3.16	7.45	39.56	7.70	0.70	225479
Oct-20	61.35	4.90	3.01	7.62	41.31	7.91	0.61	159840
Nov-20								
Dec-20								
Jan-21								
Feb-21								
Mar-21								
CUMML	61.92	4.07	2.97	7.81	41.06	7.05	0.73	1344371

भिलाई

BF Limestone

	CaO	MgO	SiO2	OS	US
Act 19-20	49.85	2.16	3.87	9.05	18.42
APP 20-21	50.00	2.25	3.50	5.00	5.00
Apr-20					
May-20					
Jun-20	49.20	2.74	4.10	4.30	12.00
Jul-20	50.71	1.72	3.47	4.90	18.66
Aug-20	49.17	2.75	3.88	6.07	10.07
Sep-20	49.71	2.36	3.74	8.94	13.56
Oct-20	49.33	2.49	4.12	10.60	15.70
Nov-20					
Dec-20					
Jan-21					
Feb-21					
Mar-21					
CUMML	49.66	2.38	3.85	7.55	14.38

बोकारो

BF Limestone

	CaO	MgO	SiO2	OS	US
Act 19-20	42.96	3.93	3.64	10.22	17.95
APP 20-21	50.00	2.25	3.50	5.00	5.00
Apr-20					
May-20					
Jun-20	43.06	5.22	3.62	5.14	32.23
Jul-20	44.75	4.17	3.64	4.56	32.92
Aug-20	44.63	4.55	3.74	5.21	33.58
Sep-20	43.15	4.79	3.86	9.64	23.36
Oct-20	43.09	4.96	4.22	8.09	25.80
Nov-20					
Dec-20					
Jan-21					
Feb-21					
Mar-21					
CUMML	43.63	4.77	3.90	7.15	28.38

राउरकेला

BF Limestone

	CaO	MgO	SiO2	OS	US
Act 19-20	49.60	2.46	3.69		
APP 20-21	50.00	2.25	3.50	5.00	5.00
Apr-20					
May-20					
Jun-20					
Jul-20	48.40	3.20	4.10		
Aug-20	48.54	3.11	3.96		
Sep-20	49.03	2.97	3.83		
Oct-20	49.70	2.74	3.32		
Nov-20					
Dec-20					
Jan-21					
Feb-21					
Mar-21					
CUMML	49.10	2.94	3.71		

कुट्टेश्वर

PLANT BLEND Limestone

	CaO	MgO	SiO2	OS	US
Act 19-20	47.47	2.85	3.73	6.42	12.12
APP 20-21	50.00	2.25	3.50	5.00	5.00
Apr-20					
May-20					
Jun-20	45.08	4.40	3.78	4.86	25.56
Jul-20	48.03	2.72	3.56	4.17	19.85
Aug-20	43.61	3.19	3.54	4.28	15.47
Sep-20	47.09	3.28	3.80	7.28	14.28
Oct-20	47.10	3.36	4.13	8.50	15.54
Nov-20					
Dec-20					
Jan-21					
Feb-21					
Mar-21					
CUMML	46.44	3.62	3.84	6.15	18.67

PERFORMANCE REPORT OF HEMM

KIRIBURU IRON ORE MINES

Equipment Performance Report



SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar-20	UTILIS. UPTO Oct-20	MAKE / TYPE	CAP	DATE OF COMMISSION	October-20											2020-2021												
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/H R	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR		
EXCAVATORS [4]																													
BE-18	23133	23133	BEML,BE-1000	4.5CU.M	31-Jul-08	620	620											3960	3960										
EX-20	27411	29201	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	620	165	341	455	114	73.4	18.4	25.1	1001	1001	84.21	3960	824	1346	3136	1790	79.2	57.1	45.2	10329	5.77	67.65		
EX-22	18554	20799	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	620	16	210	604	394	97.4	63.5	65.2	2352	2352	67.26	3960	311	1404	3649	2245	92.1	61.5	56.7	13497	6.01	69.27		
EX-23	19279	20440	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	620	43	186	577	391	93.1	63.1	67.8	2208	2208	64.71	3960	1864	935	2096	1161	52.9	55.4	29.3	7557	6.51	66.15		
						TOTAL	1860	224	737	1636	899	88.0	55.0	48.3	5561	5561	68.30	11880	2999	3685	8881	5196	74.8	58.5	43.7	31383	6.04	68.01	
DUMPERS-85T&100T [8]																													
DUM-87	13802	13802	BEML,BH-85	85Te	30-Mar-08	620	620											-	-	3960	3960								
DUM 88	32004	33343	KOMATSU HD785-7	100 Te	23-Jul-10	620	58	201	562	361	90.65	64.23	58.23	1656	4.59	46.40	3960	1192	1429	2768	1339	69.9	48.4	33.8	6648	4.96	44.55		
DUM 89	36420	37996	KOMATSU HD785-7	100Te	23-Jul-10	620	179	178	441	263	71.13	59.64	42.42	1232	4.68	43.92	3960	840	1544	3120	1576	78.8	50.5	39.8	6668	4.23	42.13		
DUM-91	19584	20378	CAT 777D	100T	2-Feb-12	620	157	207	463	256	74.68	55.29	41.29	1240	4.84	42.77	3960	1565	1601	2395	794	60.5	33.2	20.1	3958	4.98	40.62		
DUM-92	21991	22100	CAT 777D	100T	2-Feb-12	620	602	13	18	5	2.90	27.78	0.81	16	3.10	40.00	3960	3554	298	407	109	10.3	26.8	2.8	338	3.10	49.08		
DUM-93	10379	10669	BEML BH-100	100T	2-May-15	620	620										-	-	3960	3247	423	713	290	18.0	40.7	7.3	1087	3.75	60.69
DUM-94	9498	11016	BEML BH-100	100T	2-May-15	620	560	19	60	41	9.68	68.33	6.61	148	3.61	78.05	3960	1113	1330	2848	1518	71.9	53.3	38.3	6308	4.16	46.21		
DUM-95	7350	8779	BEML BH-100S	100T	May 2016	620	74	256	546	290	88.06	53.11	46.77	1262	4.35	49.48	3960	249	2283	3712	1429	93.7	38.5	36.1	6321	4.42	40.94		
						TOTAL	4340	2250	874	2090	1216	48.16	58.18	28.02	5554	4.57	46.88	27720	11759	8907	15962	7055	57.6	44.2	25.5	31328	4.44	43.93	
DRILL [5]																													
DM-17	23260	23536	IR-ROTACOL-IDM-30	160mm	24-Mar-05	496	496										-	-	3168	2552	340	616	276	19.4	44.8	8.7	1536	5.57	23.73
DM-18	27113	27789	AC-ROTACOL-IDM-30	160mm	19-May-08	496	201	246	295	49	59.48	16.61	9.88				24.49	3168	1333	1160	1835	676	57.9	36.8	21.3	1893	2.80	25.24	
DM-19	18828	19002	AC-ROTACOL-IDM-30	160mm	14-Oct-09	496	215	242	281	39	56.65	13.88	7.86				28.21	3168	2752	242	416	174	13.1	41.8	5.5			12.07	
DM-20	12516	13128	AC-ROTACOL-IDM-30	160mm	Oct '14	496	84	249	412	164	83.06	39.68	32.96				27.52	3168	1742	814	1426	612	45.0	42.9	19.3	1664	2.72	27.29	
DM-21			AC-ROTACOL-IDM-30	160mm	July'20	496	58	185	438	253	88.31	57.76	51.01				24.11	1424	301	332	1123	791	78.9	70.4	55.5	2872	3.63	19.60	
						TOTAL	1984	996	737	988	252	49.80	25.46	12.68			27.04	12672	8379	2556	4293	1738	33.9	40.5	13.7	5093	2.93	24.40	
DOZER [6]																													
DOZ-29	18180	18180	BEML, D-355	410HP	11-Jun-04	496	496										-	-	3168	3168									
DOZ-30	21866	22322	BEML, D-355	410HP	8-Jul-07	496	496										-	-	3168	2004	708	1164	456	36.7	39.2	14.4			28.07
DOZ-31	20482	20482	BEML, D-355	410 HP	19-Feb-09	496	496										-	-	3168	3168									
DOZ-32	7480	7617	BEML, D-355	410 HP	17-Apr-15	496	331	69	165	96	33.3	58.2	19.4				34.90	3168	2888	143	280	137	8.8	48.9	4.3			37.23	
DOZ-33	6174	6550	BEML, D-356	410HP	22-Sep-17												-	-	2672	1973	324	699	376	26.2	53.7	14.1			39.68
DOZ-34	3074	4757	BEML, D-356	410HP	31-Dec-18	496	229	102	267	165	53.8	61.8	33.3				32.73	3168	397	1088	2771	1683	87.5	60.7	53.1			29.65	
						TOTAL	2480	2048	171	432	261	17.4	60.4	10.5			52.30	18512	13598	2263	4914	2652	26.5	54.0	14.3			31.19	
PAY LOADER [1]																													
FEL-4	13839	14620	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	248		98	248	150	100.00	60.48	60.48				2.67	1584	187	616	1397	781	88.2	55.9	49.3			14.08	
MOTOR GRADER [3]																													
MG-7	6322	6322	BEML, BG825	280HP	10-Jul-91	248		248	248		100.00						-	-	1120	208	912	912		81.43					
MG-8	3137	3137	BEML, BG825	280HP	19-May-12	248	248										-	-	1584	1376	208	208		13.13					
MG-9	454	724	BEML, BG825	280HP	5-Mar-19	248	133	82	115	33	46.37	28.70	13.31				27.27	1584	565	749	1019	270	64.3	26.50	17.05			25.93	
						TOTAL	744	381	330	363	33	48.79	9.09	4.44			27.27	4288	2149	1869	2139	270	49.88	12.62	6.30			25.93	
WATER TANKER [3]																													
WT-83	20862	20862	BEML, WS-28-2	28KL	21-Mar-05	620	620										-	-	3960	3440	520	520		13.1					
WT-90	13584	13874	BEML, WS-28-2	28KL	Mar '11	620	298	250	322	72	51.9	22.4	11.6				32.64	3960	1137	2533	2823	290	71.3	10.3	7.3			26.21	
WT-96	1121	1544	BEML, WS-28-2	28KL	17-Feb-19	620	37	510	583	74	94.0	12.6	11.9				27.21	3960	687	2851	3273	423	82.7	12.9	10.7			21.54	
						TOTAL	1860	955	760	905	146	48.7	16.1	7.8			29.90	11880	5264	5904	6616	713	55.7	10.8	6.0			23.44</td	

PROJ. NO.	UTILS. UPTO Oct-20	MAKE / TYPE	CAPACITY	DATE OF COMM	October-20										2020-2021												
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT %	UT% net	TRIP	F/RAT/ E	HSD/ HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP / MT.	FEED RATE	HSD/ HR	
EXCAVATORS 4.5 CUM. [1]																											
BE-11	38198	BEML	4.5 CUM	30-09-2005	696	543	66	154	88	22.1	57.3	12.6	31	0.4	24	4560	2072	1915	2488	574	54.6	23.1	12.6	526	0.9	23	
EXCAVATORS 9.5 CUM. [3]																											
PC-14	37252	KOMATSU	9.5 CUM	20-01-2012	696	139	258	557	299	80.0	53.7	43.0	2409	8.1	85	4560	1334	1471	3226	1755	70.7	54.4	38.5	13321	7.6	84	
PC-17	21274	KOMATSU	9.5 CUM	24-07-2015	696	165	151	531	380	76.3	71.6	54.6	3211	8.5	83	4560	2541	895	2019	1124	44.3	55.7	24.6	8885	7.9	85	
PC-18	33940	KOMATSU	9.5 CUM	11-07-2016	696	321	195	376	181	54.0	48.2	26.0	1137	6.3	87	4560	1392	1441	3168	1727	69.5	54.5	37.9	12623	7.3	84	
					TOTAL	2088	625	604	1464	860	70.1	58.8	41.2	6757	7.9	84	13680	5267	3807	8413	4606	61.5	54.7	33.7	34829	7.6	84
DUMPER,50 TE [2]																											
D - 49	28294	BEML	50 TON	05-03-2007										-	-										-	-	
D - 50	24121	BEML	50 TON	15-04-2007	696	696								-	-	4560	3838	572	722	150	15.8	20.8	3.3	132	0.9	24	
					TOTAL	696	696							-	-	4560	3838	572	722	150	15.8	20.8	3.3	132	0.9	24	
DUMPER,100 TE [7]																											
D - 51	34266	KOMATSU	100 TON	01-09-2010	696	696								-	-	4560	3116	625	1445	820	31.7	56.8	18.0	4124	5.0	36	
D - 52	36270	KOMATSU	100 TON	01-09-2010	696	89	302	607	305	87.2	50.2	43.8	1533	5.0	34	4560	897	1779	3664	1885	80.3	51.5	41.3	8718	4.6	35	
D - 53	34601	KOMATSU	100 TON	01-09-2010	696	441	166	256	90	36.7	35.2	12.9	354	3.9	30	4560	1740	1559	2821	1262	61.9	44.7	27.7	5566	4.4	34	
D - 54	17838	CATER	100 TON	06-02-2012	696	96	228	600	372	86.2	62.0	53.4	1763	4.7	31	4560	1178	2202	3383	1181	74.2	34.9	25.9	5118	4.3	33	
D - 55	20979	CATER	100 TON	06-02-2012	696	128	250	568	318	81.6	56.0	45.7	1673	5.3	31	4560	1037	2427	3523	1096	77.3	31.1	24.0	5111	4.7	33	
D - 56	11127	BEML	100 TON	09-05-2016	696	198	242	499	257	71.6	51.6	36.9	1249	4.9	35	4560	1080	2558	3480	922	76.3	26.5	20.2	3985	4.3	34	
D - 57	10446	BEML	100 TON	09-05-2016	696	552	116	145	29	20.8	20.1	4.2	216	7.4	36	4560	1349	2596	3211	615	70.4	19.2	13.5	2687	4.4	34	
					TOTAL	4872	2199	1303	2674	1371	54.9	51.3	28.1	6788	5.0	32	31920	10395	13744	21525	7781	67.4	36.1	24.4	35309	4.5	34
DRILL [4]																											
DM - 7	26682	IR	6 " DIA	01-04-2005	348	77	88	271	184	77.9	67.7	52.7	526	2.9	33	2280	637	611	1644	1033	72.1	62.9	45.3	5256	5.1	35	
DM - 8	25085	IR	6 " DIA	05-05-2008	348	63	59	286	227	82.0	79.5	65.2	1245	5.5	35	2280	490	450	1791	1341	78.5	74.9	58.8	8973	6.7	34	
DM - 9	22847	IR	6 " DIA	16-09-2009	348	84	76	265	189	76.0	71.3	54.2	1093	5.8	34	2280	767	554	1514	960	66.4	63.4	42.1	6211	6.5	35	
DM - 10	14805	IR	6 " DIA	06-11-2014	348	348								-	-	2280	2280								-	-	
					TOTAL	1392	571	222	821	599	59.0	73.0	43.0	2864	4.8	34	9120	4173	1614	4948	3334	54.2	67.4	36.6	20440	6.1	35
DOZER [7]																											
DOZ-23	22218	BEML	410 HP	02-10-2008	696	696								-	-	4560	4560								-	-	
DOZ-24	21392	BEML	410 HP	06-04-2010	696	173	330	523	193	75.1	36.9	27.7			34	4560	1130	2529	3431	902	75.2	26.3	19.8			35	
DOZ-25	10428	BEML	410 HP	28-12-2010	696	411	204	285	82	40.9	28.6	11.7			36	4560	1765	2104	2795	692	61.3	24.7	15.2			36	
DOZ-26	17288	BEML	410 HP	16-05-2011	696	441	170	256	86	36.7	33.5	12.3			35	4560	4087	322	474	152	10.4	32.0	3.3			-	
DOZ-27	11198	BEML	410 HP	28-04-2015	696	696								-	-	4560	2692	1451	1869	418	41.0	22.4	9.2			35	
DOZ-28	6315	BEML	410HP	31-03-2018	696	103	424	593	169	85.2	28.5	24.3			36	4560	1616	1983	2945	962	64.6	32.7	21.1			35	
DOZ-29	4495	BEML	410HP	19-12-2018	696	410	192	286	95	41.1	33.0	13.6			34	4560	1915	1756	2645	890	58.0	33.6	19.5			34	
					TOTAL	4872	2520	1729	2353	624	48.3	26.5	12.8			35	31920	17763	10143	14157	4014	44.4	28.4	12.6			-
PAY LOADER [1]																											
PL - 03	4756	HYUNDAI	3.7 CU.M	18-09-2012	696	696								-	-	4560	4560										
BACK HOE [3]																											
BE-12A	24468	BEML	1.2 CUM	Nov'08	696	129	289	567	278	81.5	49.0	39.9			24	4560	1643	1993	2917	924	64.0	31.7	20.3			24	
HT-15	23622	TCECL	1.5 CUM	03-10-2012	696	174	305	522	217	75.0	41.6	31.2			23	4560	1391	1572	3169	1598	69.5	50.4	35.0	58		23	
HT-16	13526	TCECL	1.5 CUM	01-12-2014	696	696								-	-	4560	4560									-	
					TOTAL	2088	999	594	1089	495	52.2	45.5	23.7			24	13680	7594	3564	6086	2522	44.5	41.4	18.4	58		23
WATER TANKER [3]																											
WT - 05	20633	BEML	28 KL	15-02-2007	696	696								-	-	4560	4303	139	257	118	5.6	45.9	2.6	50	0.4	26	
WT - 06	13148	BEML	28 KL	17-08-2012	696	87	467	609	142	87.5	23.3	20.4	125	0.9	22	4560	1029	2836	3532	696	77.4	19.7	15.3	451	0.6	23	
WT - 45	32072	BEML	MODIFIED	29-09-2004	696	696								-	-	4560											

PERFORMANCE REPORT OF HEMM

BOLANI ORE MINES

Equipment Performance Report

SAIL-RMD

PROJ. NO.	UTILS. UPTO Oct-20	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	October-20											2020-2021												
					SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/ HR		
EXCAVATORS [5]																												
EX-26	32303	BEML PC-1000(D)	4.5 CuM	24-Jun-05	744	115	482	630	148	84.6	23.4	19.8	1310	8.88	47.4	4752	1810	2390	2942	552	61.91	18.76	11.62	4288	7.77	37.29		
				SUB TOTAL	744	115	482	630	148	84.6	23.4	19.8	1310	8.88	47.4	4752	1810	2390	2942	552	61.91	18.76	11.62	4288	7.77	37.29		
EX-28	16131	BE-1600	7.5 Cu.m	22-Jun-10	744	171	462	574	111	77.1	19.4	14.9	631	5.68	37.8	4752	1744	2770	3009	238	63.31	7.92	5.01	1088	4.57	51.52		
EX-29	30234	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	744	83	397	661	264	88.9	40.0	35.5	1435	5.43	67.1	4752	585	2464	4167	1703	87.69	40.86	35.83	8296	4.87	80.26		
EX-30	20686	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	744	66	403	678	274	91.1	40.5	36.9	1685	6.14	80.5	4752	436	2141	4316	2175	90.82	50.40	45.77	12116	5.57	76.20		
EX-31	19175	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	744	12	304	732	428	98.4	58.5	57.6	2714	6.33	77.4	4752	1010	1732	3743	2010	78.76	53.71	42.30	9947	4.95	77.89		
				SUB TOTAL	2976	331	1567	2645	1078	88.9	40.8	36.2	6465	6.00	71.6	19008	374	9108	15234	6126	80.14	40.21	32.23	31447	5.13	76.92		
				TOTAL	3720	446	2049	3274	1226	88.0	37.4	32.9	7775	6.34	68.7	23760	5584	11497	18176	6678	76.50	36.74	28.11	35735	5.35	73.65		
DUMPER,50																												
HP-30	17683	C.I.773D(I)	50 T	01-Mar-06	744	744								-	-	4752	4532	196	220	24	4.63	10.91	0.51	246	10.25	28.13		
HP-32	24863	BEML BH-50M	50 T	06-Mar-08	744	41	559	703	144	94.5	20.4	19.3	1310	9.13	28.3	4752	659	3447	4093	647	86.14	15.79	13.60	5216	8.07	21.75		
				TOTAL	1488	785	559	703	144	47.2	20.4	9.6	1310	9	28.3	9504	5191	3643	4313	671	45.38	15.55	7.05	5462	8.15	21.97		
DUMPER,10																												
HP-32A	33759	KOMATSU HD785-7	100 T	22-Jun-10	744	160	233	584	350	78.5	60.0	47.1	1104	3.15	39.0	4752	393	1803	4359	2556	91.72	58.65	53.79	7363	2.88	38.94		
HP-34	30613	KOMATSU HD785-7	100 T	22-Jun-10	744	264	239	480	242	64.5	50.3	32.5	867	3.59	35.7	4752	1159	1684	3593	1909	75.62	53.13	40.17	5615	2.94	36.05		
HP-35	17210	BEML BH-100	100 T	22-Jun-10	744	744								-	-	4752	3302	1220	1450	230	30.52	15.86	4.84	542	2.36	45.99		
HP-36	12375	BEML BH-100	100 T	22-Jun-10	744	728	10	16	6	2.2	37.5	0.8				4752	4274	419	479	60	10.07	12.54	1.26	161	2.68	24.42		
HP-37	22455	CAT 777D	100 T	25-Jan-12	744	181	244	563	319	75.7	56.6	42.8	1098	3.44	31.7	4752	4165	252	587	335	12.35	57.03	7.04	1098	3.28	30.16		
HP-38	13582	BEML BH-100S	100 T	03-May-16	744	744								-	-	4752	2227	1475	2525	1050	53.13	41.58	22.09	2953	2.81	35.73		
HP-39	13607	BEML BH-100S	100 T	03-May-16	744	39	308	705	398	94.8	56.4	53.4	1317	3.31	37.8	4752	1374	1534	3378	1844	71.09	54.60	38.81	5542	3.00	40.76		
HP-40	12396	BEML BH-100S	100 T	03-May-16	744	148	287	596	309	80.2	51.8	41.5	1039	3.36	36.2	4752	1182	1917	3570	1653	75.13	46.30	34.78	5446	3.29	38.92		
				TOTAL	5952	3007	1321	2945	1623	49.5	55.1	27.3	5425	3.34	36.1	38016	18075	10304	19941	9637	52.45	48.33	25.35	28720	2.98	38.13		
DRILL [4]																												
DM-11	19185	AC-ROTACOL-IDM-30	160mm	14-Feb-08	496	135	212	361	149	72.7	41.3	30.0	1331	8.93	30.4	3168	894	1500	2274	774	71.78	34.03	24.43	8573	11.08	35.56		
DM-12	19953	AC-ROTACOL-IDM-30	160mm	12-Aug-09	496	159	208	337	129	68.0	38.2	26.0	2086	16.17	28.7	3168	1073	1477	2095	618	66.13	29.52	19.52	10819	17.50	35.27		
DM-12A	17900	AC-ROTACOL-IDM-30	160mm	22-Mar-11	496	104	224	393	169	79.1	43.0	34.0	1746	10.34	37.7	3168	1771	1032	1397	365	44.09	26.13	11.52	4120	11.29	46.74		
DM-14	12996	AC-ROTACOL-IDM-30	160mm	19-Nov-14	496	496								-	-	3168	965	1172	2203	1031	69.54	46.81	32.55	14457	14.02	32.90		
				TOTAL	4064	1196	2086	2868	782	70.6	27.3	19.2				39.2	25648	6863	13925	18785	4861	73.2	25.9	19.0			38.1	
DOZER [8]																												
DOZ-22	16088	BEML BD355	410 HP	06-Jul-07										-	-													
DOZ-23	13411	BEML BD355	410 HP	27-Aug-08	648	16	515	632	117	97.5	18.5	18.0		50.7	3704	376	2903	3328	425	89.8	12.8	11.5			50.8			
DOZ-24	15058	BEML BD355	410 HP	09-Mar-10	496	99	237	397	161	80.1	40.4	32.4		24.8	3168	780	1418	2388	970	75.4	40.6	30.6			28.8			
DOZ-25	13243	BEML BD355	410 HP	09-Mar-10	496	87	310	409	99	82.5	24.2	20.0		46.3	3368	721	1981	2647	666	78.6	25.2	19.8			44.0			
DOZ-26	8686	BEML BD355	410 HP	03-May-14	496	496								-	-	3168	3168											
DOZ-27	8249	BEML BD355	410 HP	03-May-14	688	268	330	421	91	61.1	21.5	13.2		42.3	4352	766	2993	3587	593	82.4	16.5	13.6			54.1			
DOZ-28	8532	BEML BD355	410 HP	26-Apr-16	744	27	562	717	155	96.4	21.6	20.8		40.9	4720	569	3424	4151	727	87.9	17.5	15.4			43.2			
DOZ-29	3940	BEML BD355	410 HP	15-Apr-19	496	204	133	293	160	59.0	54.6	32.2		37.5	3168	483	1206	2685	1480	84.8	55.1	46.7			28.9			
				TOTAL	4064	1196	2086	2868	782	70.6	27.3	19.2		39.2	25648	6863	13925	18785	4861	73.2	25.9	19.0			38.1			
PAY LOADEI																												
PL-20	15163	Kawasaki, 90Ziv-2	256 HP	26-Aug-09	744	166	387	578	191	77.7	33.0	25.6		22.4	4752	3891	596	861	265	18.12	30.77	5.58			18.82			
PL-22	11029	Hyundai-HI770-7A	280 HP	26-May-10	744	744								-	-	4752	4069	612	683	71	14.37	10.40	1.49			20.24		
PL-23	14001	Kawasaki, 90ZV	257 HP	07-Oct-15	744	666	39	78	39	10.5	49.6	5.2		24.2	4752	1271	2332	3481	1149	73.25	33.02	24.19			21.58			
				TOTAL	2232	1576	426	656	230	29.4	35.0	10.3																

PERFORMANCE REPORT OF HEMM

BARSUA IRON MINES

Equipment Performance Report

SAIL-RMD

PROJ. NO.	UTILIS. UPTO Mar-20	UTILIS. UPTO Oct-20	MAKE / TYPE	CAP	DATE OF COMMISSION	October-20												2020-2021											
						SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSD/H R	SCH. HRS.	B/D HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	FEED RATE	HSD/ HR			
EXCAVATORS [6]																													
EX-20	26834	27175	BEML,BE-1000	4.5 CuM	Mar-04	696	162	345	535	190	76.80	35.55	27.30	1201	6.32	74.13	1296	339	617	958	341	73.9	35.6	26.3	6.44	61.7			
EX-22	21087	22797	BEML,BE-1000	4.5 CuM	22-Dec-08	696	149	217	547	331	78.59	60.42	47.49	1926	5.83	41.82	4464	1457	1298	3007	1710	67.4	56.9	38.3	5.91	48.0			
EX-23	16253	17520	BEML, BE-1000	4.5CuM	18-Feb-10	696	269	180	428	248	61.42	58.01	35.63	1527	6.16	50.02	4464	1545	1653	2920	1267	65.4	43.4	28.4	5.16	45.7			
EX-27	4523	5912	BEML, BE-1000-1	4.5 CuM	19-Dec-17	696	683	9	13	5	1.87	34.62	0.65	40	8.89		4448	1361	1699	3087	1389	69.4	45.0	31.2	6.59	61.6			
					TOTAL	2784	1262	749	1522	773	54.67	50.79	27.77	4694	6.07	52.15	14672	4701	5265	9971	4706	68.0	47.2	32.1	5.95	52.4			
EX-21	18158	18158	TELCON,1200V-1018	5.9 CuM	28-May-07	696	696								-	-	4416	3792	624	624		14.1							
EX-24	14045	14146	BEML, BE-1600	7.5CuM	04-Aug-11	696	696								-	-	4416	4140	175	276	101	6.3	36.6	2.3	7.55	80.2			
					TOTAL	1392	1392									8832	7932	799	900	101	10.2	11.2	1.1	7.55	80.2				
DUMPER,50 TE [5]																													
HPD-90	17679	18377	BEML,210M	50T	1-Apr-05	696	215	281	481	201	69.11	41.68	28.81	475	2.37	30.75	4464	2181	1586	2283	698	51.1	30.6	15.6	2.59	31.6			
BH-93	24399	24415	BH-50 M	50T	1-Feb-08												640	569	55	71	16	11.1	22.5	2.5	2.19	26.6			
BH-94	23537	23971	BH-50 M	50T	22-Dec-08	696	209	343	487	144	69.97	29.57	20.69	310	2.15	28.40	4464	2083	1947	2381	434	53.3	18.2	9.7	2.43	30.6			
BH-95	31498	32156	BH-50 M	50T	6-Feb-09	696	323	290	373	83	53.59	22.25	11.93	213	2.57	31.81	4432	1406	2368	3026	658	68.3	21.7	14.8	2.67	29.6			
BH-96	26943	27628	BH-50 M	50T	20-Aug-09	696	554	130	142	13	20.40	8.80	1.80	30	2.40	31.60	4208	1608	1916	2600	685	61.8	26.3	16.3	2.62	29.7			
BH-99	23750	23897	BH-50 M	50T	20-Feb-14	480	45	387	436	49	90.73	11.25	10.21			15.92	2752	154	2452	2599	147	94.4	5.7	5.3		14.7			
					TOTAL	3264	1346	1430	1919	489	58.78	25.49	14.98	1028	2.10	28.77	20960	8001	10323	12960	2637	61.8	20.3	12.6	2.54	29.4			
DUMPER,60 TE [3]																													
HPD-101	7543	9898	BEML,BH-60	60 T	16-Nov-17	696	234	118	463	345	66.45	74.59	49.57	882	2.56	41.64	4464	756	1354	3709	2355	83.1	63.5	52.8	3.08	45.8			
HPD-102	8067	10011	BEML,BH-60	60 T	23-Nov-17	696	87	154	609	456	87.50	74.79	65.45	1164	2.56	40.71	4464	1107	1414	3357	1944	75.2	57.9	43.5	3.07	44.7			
HPD-103	4179	6668	BEML,BH-60	60 T	08-May-19	696	55	159	642	483	92.17	75.29	69.40	1264	2.62	37.75	4464	629	1347	3836	2489	85.9	64.9	55.8	2.82	40.9			
					TOTAL	2088	375	430	1713	1284	82.04	74.93	61.47	3310	2.58	39.85	13392	2491	4114	10901	6788	81.4	62.3	50.7	1.95	43.6			
DUMPER,100 TE [2]																													
BH-97	10132	10353	BEML,BH-100	100 T	4-Aug-11	696	497	145	200	55	28.66	27.32	7.83	130	2.39	46.24	4448	2078	2150	2371	221	53.3	9.3	5.0	2.19	43.5			
BH-98	8941	9371	BEML,BH-100	100 T	04-Aug-11	696	321	267	375	108	53.88	28.80	15.52	226	2.09	40.79	4416	1636	2350	2780	430	63.0	15.5	9.7	2.48	47.0			
					TOTAL	1392	818	412	575	163	41.27	28.29	11.67	356	2.19	42.62	8864	3714	4500	5151	651	58.1	12.6	7.3	2.38	45.8			
DRILL [3]																													
DM-7	23690	23690	AC - IDM-30	160mm	29-Jan-98	480	480								-	-	2960	2424	536	536		18.1							
DM-9	10417	10756	AC - IDM-30	160mm	30-Sep-09	480	173	217	308	91	64.06	29.59	18.96			46.70	2976	1576	1062	1401	339	47.1	24.2	11.4	2.17	39.1			
DM-10	5936	6521	AC - IDM-30	160mm	14-Jan-15	480	53	339	427	89	88.96	20.73	18.44			26.61	3008	999	1425	2009	585	66.8	29.1	19.4	3.53	32.6			
					TOTAL	1440	706	555	735	180	51.01	24.44	12.47			36.80	8944	4999	3022	3946	924	44.1	23.4	10.3	3.03	35.0			
DOZER [6]																													
TR-36 (B/V)	14105	15140	BEML,D-155A	320 HP	23-Apr-05	720	142	413	578	166	80.28	28.63	22.99			44.83	4512	1620	1858	2892	1035	64.1	35.8	22.9		39.8			
TR-37	16010	16314	BEML,D-155A	320 HP	22-Jun-07	720	347	330	374	44	51.88	11.78	6.11			46.39	4488	2605	1580	1884	304	42.0	16.1	6.8		45.9			
TR-38	16556	16573	BEML, D-355	410 HP	16-Feb-10	696	696								-	-	4416	4129	270	287	17	6.5	5.9	0.4		94.1			
TR-39	10795	11560	BEML, D-355	410 HP	10-Apr-12	696	196	366	500	135	71.84	26.90	19.32			28.96	4464	2033	1667	2431	765	54.5	31.4	17.1		30.4			
TR-40	6283	6983	BEML, D-355	410 HP	6-Jun-14	696	298	294	399	105	57.26	26.35	15.09			36.24	4464	2024	1741	2441	700	54.7	28.7	15.7		38.1			
TR-9(K)	619	869	BEML, D-155	320 HP	1-Oct-19									-		1200	131	819	1069	250	89.1	23.4	20.8		42.0				
					TOTAL	3528	1678	1401	1850	449	52.44	24.27	12.73			38.22	23544	12541	7933	11003	3070	46.7	27.9	13.0		38.1			
PAY LOADER [2]																													
FEL-6	10228	10365	&T KOMAT. WA-470-3	260 HP	21-Jan-09	360	360								-	-	2220	1289	794	931	137	41.9	14.7	6.2		15.7			
FEL-7	6451	6858	HYUNDAI	280 HP	27-Aug-11	360	82	188	278	91	77.22	32.55	25.14			18.90	2244	1520	318	724	407	32.3	56.1	18.1		17.8			
					TOTAL	720	442	188	278	91	38.61	32.55	12.57			18.90	4464	2809	1112	1655	544								



EQUIPMENTS	UTILIS. UPTO Oct-20	MAKE / TYPE	CAPACITY	DATE OF COMMISSION	October-20												2020-2021												
					SCH. HRS.	DOW N HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	TRIP	FEED RATE	HSD/ HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT %	FEED RATE	HSD /HR				
EXCAVATORS[4]																													
D-12A	18064	BE 1000(D)	4.5 CuM	27-Apr-08	744	744									-	-	4656	4656											
D-12	11566	BE 1600	7.5 CuM	16-Feb-11	744	744									-	-	4656	4656											
D-14	30735	KOMATSU	9.5 CuM	06-Apr-12	744	97	289	647	358	86.9	55.4	48.1	1616	4.5	85.2	4656	1677	1438	2979	1541	64.0	51.7	33.1	3.8	79.8				
D-15	23726	KOMATSU	9.5 CuM	31-Aug-15	744	65	500	680	180	91.3	26.5	24.2	654	3.6	94.4	4656	560	2524	4096	1573	88.0	38.4	33.8	4.1	81.4				
D-16	3720	LIEBHERR	9.5 CuM	30-Sep-19	744	53	423	692	269	92.9	38.9	36.2	1360	5.1	118.2	4656	553	1979	4103	2125	88.1	51.8	45.6	4.2	96.4				
					TOTAL	2976	958	1211	2018	807	67.8	40.0	27.1	3630	4.5	98.3	23280	12102	5940	11178	5238	48.0	46.9	22.5	4.0	87.0			
DUMPER,50 TE[3]																													
R/D-85	18561	BEML-BH-50M	50 Te	Mar- 08	744	744									-	-	4656	4656											
R/D-86	20060	BEML-BH-50M	50Te	Sep-08	744	744									-	-	4656	4656											
R/D-87	17443	BEML-BH-50M	50Te	Dec-08	744	744									-	-	4656	4656											
					TOTAL	2232	2232										13968	13968											
DUMPER,100 TE[6]																													
R/D-88	26764	KOMAT.HD785-7	100 T	10-Sep-10	744	186	94	558	464	75.0	83.1	62.4	1319	2.8	55.6	4656	2226	443	2430	1987	52.2	81.8	42.7	2.5	53.1				
R/D-89	34579	KOMAT.HD785-7	100 T	10-Sep-10	744	496	45	249	204	33.4	81.9	27.4	609	3.0	59.7	4656	1839	681	2817	2137	60.5	75.8	45.9	2.6	49.9				
R/D-90	23482	CAT 777D	100 T	25-Jan-12	744	268	123	476	353	63.9	74.2	47.4	845	2.4	57.3	4656	1748	1279	2908	1630	62.5	56.0	35.0	2.6	52.0				
R/D-91	20210	CAT 777D	100 T	25-Jan-12	744	463	92	281	190	37.8	67.5	25.5	527	2.8	56.2	4656	1906	1108	2750	1643	59.1	59.7	35.3	2.7	52.4				
R/D-92	13300	BEML- BH 100	100 T	27-May-15	744	744									-	-	4656	3778	405	879	474	18.9	53.9	10.2	3.2	61.4			
R/D-93	12803	BEML - BH 100	100 T	10-Jun-15	744	516	69	228	159	30.7	69.7	21.4	330	2.1	59.9	4656	4382	93	274	182	5.9	66.2	3.9	2.3	65.7				
					TOTAL	4464	2672	423	1792	1370	40.1	76.4	30.7	3630	2.7	57.2	27936	15878	4008	12058	8051	43.2	66.8	28.8	2.6	52.7			
DRILL[4]																													
DM-10	18404	IR-ROTACOL-IDM-30	160mm	Feb- 04	496	131	234	365	131	73.7	35.8	26.4	1366	10.4	35.6	3104	1518	1049	1586	537	51.1	33.8	17.3	13.4	35.4				
DM-12A	10408	AC-ROTACOL-IDM-30	160mm	Sep-08	496	162	178	334	157	67.3	46.9	31.6	2628	16.8	43.6	3104	1011	1097	2094	997	67.4	47.6	32.1	15.2	39.3				
DM-14	10805	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	496	496									-	-	3104	3104											
DM-15	7463	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	496	496									-	-	3104	2707	279	398	119	12.8	29.9	3.8	3.7	32.9			
					TOTAL	1984	1285	412	699	288	35.3	41.1	14.5	3994	13.9	41.0	12416	8339	2424	4077	1653	32.8	40.5	13.3	13.8	38.1			
DOZER[6]																													
DOZ-21	18427	BEMI D-355	410 HP	May- 03	744	396	227	349	122	46.8	35.0	16.4			34.4	4416	1587	1823	2830	1007	64.1	35.6	22.8		30.9				
DOZ-22	19162	BEMI D-355	410 HP	Feb-04	496	51	228	445	217	89.7	48.8	43.8			30.5	3344	2371	638	973	336	29.1	34.5	10.0		29.7				
DOZ-23	17288	BEMI D-355	410 HP	May-08	744	744									-	-	4416	4416											
DOZ-24	14414	BEMI D-355	410 HP	Sep-08	496	496									-	-	3344	2174	1015	1170	156	35.0	13.3	4.7		30.3			
DOZ-25	12833	BEMI D-355	410 HP	25-Apr-14	744	151	200	594	394	79.8	66.3	52.9			34.4	4416	1350	1413	3066	1654	69.4	53.9	37.4		35.0				
DOZ-26	11958	BEMI D-355	410 HP	08-Sept-17	496	491	1	6	5	1.1	81.8	0.9			88.9	3344	1226	1165	2118	954	63.3	45.0	28.5		30.3				
					TOTAL	3720	2328	655	1392	737	37.4	52.9	19.8			33.7	23280	13123	6052	10157	4105	43.6	40.4	17.6		32.3			
PAY LOADER[2]																													
PL-7	12770	L&T KOMAT. WA-470-	260 HP	21-Jan-09	744	744									-	-	4656	4656											
PL-8	5007	Hyundai-hl770-7A	280 HP	01-Jun-10	744	744									-	-	4656	4656											
					TOTAL	1488	1488										9312	9312											
Back Hoe [2]																													
BACK HOE-02	11250	BEMLBE-300LC	1.2 CU.M	May-09	744	255	96	489	393	65.7	80.3	52.8			14.5	4656	2178	640	2478	1838	53.2	74.2	39.5		14.0				
BACK HOE-03	6545	BEMLBE-300LC	1.25 CU.M	25-Sep-13	496	496									-	-	3960	3536	424	424	10.7								
					TOTAL	1240	751	96	489	393	39.4	80.3	31.7			14.5	8616	5714	1064	2902	1838	33.7	63.3	21.3		14.0			
Water Sprinkler [2]																													
WT-5	16035	WS-28	28 KL	May-05	496	496									-	-	3104	1117	1770	1987	218	64.0	10.9	7.0		13.2			
WT-6	6693	BEML WS 28-2	28 KL	Jan-09	496	158	258	339	81	68.2	23.8	16.2			19.0	3104	2553	403	552	149	17.8	27.0	4.8		16.6				
					TOTAL	992	654	258	339																				

EQUIPMENT AVAILABILITY & UTILISATION

Oct-20

		KIRIBURU								MEGHAHATUBURU								BOLANI								BARSUA								UNIT IN %	
		NORM		MTH		2020-21		MTH		2020-21		MTH		2020-21		MTH		2020-21		MTH		2020-21		MTH		2020-21		AV		UT					
EQPMT TYPE		AV		UT		AV		UT		AV		UT		AV		UT		AV		UT		AV		UT		AV		UT							
DRILL	150 mm	70	70	50	25	34	40	59	73	54	67	85	23	62	19	51	24	44	23	35	41	33	41												
SHOVEL	HYD(D) ≤4.5 m ³	70	75					22	57	55	23	85	23	62	19	55	51	68	47																
	HYD(D) >4.5 m ³	85	80	88	55	75	59	70	59	61	55	89	41	80	40			10	11	68	40	48	47												
DUMPER	85/ 60 tn	65	75																	82	75	81	62												
	50 tn	70	80							16	21	47	20	45	16	59	25	62	20																
	100 tn	85	80	48	58	58	44	55	51	67	36	49	55	52	48	41	28	58	13	40	76	43	67												
DOZER		70	70	17	60	27	54	48	27	44	28	71	27	73	26	52	24	47	28	37	53	44	40												
CRUSHING PLANT		85	85					98	71	97	51	91	55	90	53																				
SCREENING PLANT		85	85					89	76	94	52	90	67	89	66																				
OHP		85	85	88	73	89	65	86	77	91	52					99	51	98	41	93	72	93	64												

Consumption of Key Consumables in 2020-21
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	1833402	238708	2072110	338472	31327142	79170	3628320	296130	1250100	49192	0.06	0.42	6.05	15.95
2020-21	804106	202025	1006131	187506	17622362	35070	1899540	47880	877050	61648	0.06	0.36	6.24	12.51
Apr-20	124077	51600	175677	19607	2470800	4410	270810	0	117000	0	0.05	0.45	6.37	11.37
May-20	98120	20420	118540	12816	2273620	2730	140580	0	266760	0	0.03	0.29	5.58	6.70
Jun-20	96171	21137	117308	13075	2425480	6930	209430	0	195480	0	0.03	0.29	5.99	17.11
Jul-20	78067	42026	120093	26173	2446000	6510	261090	0	58590	0	0.08	0.38	7.65	20.36
Aug-20	93083	30483	123566	30909	2789887	2310	245790	19800	53820	0	0.10	0.41	8.73	7.58
Sep-20	154678	17799	172477	50654	2877430	6300	390330	18900	75600	0	0.10	0.37	5.93	13.39
Oct-20	159910	18560	178470	34272	2339145	5880	381510	9180	109800	61648	0.06	0.35	4.67	11.55

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	2481781	133520	2615301	605115	17857680	125253	3816200	34900	3243170	352114	0.08	0.37	2.52	17.50
2020-21	1068042	64990	1133032	181937	8087615	63050	1185793	112097	1891260	113009	0.06	0.36	2.54	20.12
Apr-20	179376	11560	190936	28029	1160567	6286	221827	20183	319680	22691	0.05	0.35	2.07	11.38
May-20	148063	7840	155903	32496	650132	10430	13590	0	425160	54598	0.07	0.34	1.48	23.05
Jun-20	128634	5250	133884	16303	1010587	4349	71460	0	288180	35720	0.04	0.36	2.81	11.80
Jul-20	126115	11430	137545	23834	1242878	11354	143386	20414	146520	0	0.08	0.47	4.01	38.49
Aug-20	148050	6950	155000	27639	1329660	11521	185020	20000	229500	0	0.06	0.37	3.06	27.46
Sep-20	151960	9040	161000	24322	1321466	7994	224070	30000	219240	0	0.05	0.36	2.79	17.73
Oct-20	185844	12920	198764	29314	1372325	11116	326440	21500	262980	0	0.05	0.33	2.25	18.69

Consumption of Key Consumables in 2020-21
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	2448841	1005417	20580240	143470	4231140	1714956	1647120	724266	0.12	0.38	2.71	22.11
2020-21	1448004	598138.13	12186000	76464	2338710	819552	785760	754951	0.13	0.41	3.09	21.73
Apr-20	211152	93554	1593840	12712	308510	104878	132710	179662	0.13	0.41	2.92	24.81
May-20	177387	72510	1538640	9282	206550	87729	167850	116278	0.13	0.42	3.33	21.82
Jun-20	187288	82992	1616880	14196	297360	97439	51120	92060	0.15	0.47	3.63	35.86
Jul-20	201395	89051	1791120	9940	349190	132337	85780	50308	0.14	0.42	3.16	20.68
Aug-20	202359	91175.13	1853280	10384	366030	108671	69750	123976	0.14	0.41	3.40	21.02
Sep-20	229451	90212	1874640	7350	407770	141662	120060	87941	0.12	0.39	2.80	12.56
Oct-20	238972	78644	1917600	12600	403300	146836	158490	104726	0.10	0.38	2.71	20.17

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	2729087	34535	2763622	400233	18260687	102046	3694740	0	610365	87500	0.09	0.64	4.24	23.58
2020-21	1260811	8640	1269451	132980	10507156	50468	1454853	0	497642	158659	0.06	0.64	5.38	25.33
Apr-20	223739	0	223739	24576	1523870	8092	276813	0	69309	0	0.07	0.65	4.40	23.38
May-20	130734	0	130734	23313	1473458	9576	0	0	251000	0	0.09	0.52	5.87	38.15
Jun-20	128668	3000	131668	4458	1419973	4508	152822	0	68153	0	0.02	0.60	6.43	20.40
Jul-20	196949	4000	200949	18660	1673210	8328	240127	0	20160	0	0.07	0.77	6.43	32.00
Aug-20	173709	1600	175309	26924	1565881	4788	219791	0	12910	33528	0.10	0.73	6.73	19.86
Sep-20	181607	0	181607	13410	1373454	6216	247000	0	35280	53126	0.04	0.61	4.87	21.03
Oct-20	225405	40	225445	21639	1477310	8960	318300	0	40830	72005	0.05	0.60	4.11	23.76

Consumption of Key Consumables in 2020-21

Brasua -Taldih

Item	HSD			Expl	Power	Lubricant	BARSUA ROM	TALDIH ROM	BARSUA OB		TALDIH OB		EXPL	HSD	POWER	LUB
	(in Liter)								DEPTT	CONT	DEPTT	CONT				
NORM	MINES	DGSET	TOTAL													
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	1398696	237480	1636176	264736	14801934	45360	1797862	1262832.12	563335	0	0	231646.7	0.07	0.69	6.27	19.21
2020-21	901939	35000	936939	61000	8554819	37948	1212243	563306	419700	0	0	165481	0.03	0.57	5.24	23.25
Apr-20	113320	5000	118320	3650	1147597	4382	160817	80030	64255	0	0	40390	0.01	0.53	5.10	19.47
May-20	73755	5000	78755	8050	1248557	3990	20776	58571.25	145200	0	0	3325	0.04	0.47	7.52	24.04
Jun-20	137133	11950	149083	7625	843077	3990	161006	54410	60985	0	0	19845	0.03	0.67	3.80	17.97
Jul-20	137728	3160	140888	11225	1568917	6070	188992	116229	40980	0	0	46847	0.03	0.61	6.82	26.39
Aug-20	133886	9890	143776	9500	1261717	6300	208358	78949	29970	0	0	12164	0.03	0.60	5.29	26.43
Sep-20	149804	0	149804	15050	1221357	7658	250426	105404	36870	0	0	4970	0.04	0.52	4.25	26.66
Oct-20	156313	0	156313	5900	1263597	5558	221868	69713	41440	0	0	37940	0.02	0.59	4.80	21.11

Kalta						Manoharpur						Taldih			D Area & Panposh			
HSD	Expl	Power	Lubricant	Excavation	Explosive Kg/T Excav	HSD	Expl	Power	Lubricant	Excavation	Explosive Kg/T Excav	Expl	Excavation	Explosive Kg/T Excav	Expl	Excavation	Explosive Kg/T Excav	
												(in kg)	(T)	(in kg)	(T)	(in kg)	(T)	
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	51501	172450	1092780	510	2363856	0.07	65841	69225	1523616	523	745690.57	0.09	104725	1494478.81	0.07	230475	2358226	0.10
2020-21	21015	90250	505558	0	1536700	0.06	26287	18200	1060647	460	163975	0.11	13825	728787.3	0.02	219694	1358417	0.16
Apr-20	3670	10425	92780	0	351000	0.03	2992	7600	138969	2	36098	0.21	1250	120420	0.01	34551	284540	0.12
May-20	3285	10925	70400	0	241000	0.05	4392	5000	135284	14	45449	0.11	600	61896	0.01	20126	204007	0.10
Jun-20	4750	19100	88200	0	168300	0.11	3784	850	151010	48	43448	0.02	0	74255	0.00	20126	189499	0.11
Jul-20	0	0	0	0	197000	0.00	4192	0	160401	150	0	#DIV/0!	5225	163076	0.03	30863	182645	0.17
Aug-20	4180	17975	89460	0	170000	0.11	4028	0	156054	104	0	#DIV/0!	3800	91113	0.04	33964	154806	0.22
Sep-20	2260	13750	73800	0	183600	0.07	3613	1350	156642	56	0	#DIV/0!	950	110374	0.01	41076	153695	0.27
Oct-20	2870	18075	90918	0	225800	0.08	3286	3400	162287	86	38979.58	0.09	2000	107653	0.02	38988	189225	0.21

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

Status as on Oct'2020

MINE	GRANTED	VALID	AREA (in ha)	RENEWAL ON UPTO APPL.DATE	FOREST CLEARANCE (FC)		ENVIRONMENTAL CLEARANCE (EC)
					KBR-MBR		
Amalgamated ML	28.03.60	31.03.20	1936.06	17.02.09	Stage-II FC [644.26 ha] granted by MoEF&CC vide letter dated 26.11.2014. Stage-I FC of South & Central Block (247.5 ha) was granted by MoEFCC on 18.10.2010. Compliance report has been submitted well within the time & State Govt. forward the proposal to MoEFCC on 13.07.2015. Further, compliance of the queires were forwarded by State Govt. to MoEFCC on 05.04.2016 but kept pending due to Carrying capacity study by ministry. 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 . For resolving the matter, series of meeting was held & identified CA land report submitted to DFO, Saranda on 21.08.2019. Again, CA scheme of Gumla Division was revised on 11.01.2020 and revised demand letter issued by DFO, Saranda on 25.01.2020. Thereafter, DFO, Saranda has revised the differential CA demand and asked SAIL to pay an amount of Rs. 6.2 Crore on 28.02.2020. Payment of Rs. 6.2 crores was made by SAIL on 05.03.2020 and intimated DFO, Saranda on 06.03.2020. DFO, Saranda vide letter dated 16.03.2020 which was forwarded to RCCF, Jamshedpur The compliance report was forwarded by RCCF, Jamshedpur to PCCF (Nodal) on 17.03.2020. Chairman, SAIL vide letter dated 28.04.20 requested CS, Gol to forward the compliance report to MoEFCC. Further, PCCF (Nodal), Gol on 22.05.2020 sought NPV payment details of the lease from DFO, Saranda which was submitted on 28.05.2020. Thereafter, PCCF (Nodal), Govt. of Jharkhand forwarded the compliance report to Principal Secretary (F, E & C), Govt. of Jharkhand on 12.06.2020. Vide letter dated 28.07.2020, Principal, Secretary (F, E & C), Gol was requested to forward the compliance report to MoEFCC. Again PCCF raised question on 04.08.2020 which was replied on 04.09.2020. Further, report submitted to DFO, Saranda on 17.01.2020 & forwarded the information sought by Dept. of F, E & C, Gol vide letter dated 04.08.2020 to CF, Chaibasa on 17.10.2020. Subsequently, the information was forwarded by CF, Chaibasa to RCCF, Jamshedpur vide letter dated 22.10.2020 and further RCCF, Jamshedpur forwarded to PCCF (Nodal), Jharkhand vide letter dated 27.10.2020.	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 capacities has been renewed by JSPCB on 24.12.2019 with validity up to 31.12.2024. EC amendment order for selling of tailings in open market has been issued by MoEFCC, New Delhi on 30.07.2020. Amendment of CTE application submitted on 04.08.2020 but due to technical fault, resubmitted on 25.08.2020. CTE issued on 30.09.2020 for excavation of tailings from KIOM-MIOM over 1 MTPA each for selling in open market. CTO application submitted on 15.10.2020.	
Government of Jharkhand has extended the mining lease period of amalgamated lease of Kiriburu-Meghatatuburu Iron Ore Mines up to 27.03.2030 vide letter dated 30.07.2019. Amalgamated Lease deed executed on 25.10.2019							
Amalgamated ML					Forestry clearance for the total broken area of 55.9 ha was granted on 11.04.2005.	Ore Beneficiation Plant & loading facilities of Meghatatuburu Iron Ore Mine are located in the lease-II.	
					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'2020
MINE	GRANTED	VALID	AREA	RENEWAL		FOREST CLEARANCE (FC)	ENVIRONMENTAL CLEARANCE (EC)
	ON	UPTO	(in ha)	APPL.DATE		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 27.03.2020 & Valid upto 31.03.2021. EC amendment order for selling of dump fines in open market has been issued by MoEFCC, New Delhi on 30.07.2020. CTE amendment application submitted to OSPCB on 01.08.2020 but it was not accepted. Later for CTE validation application submitted online on 31.08.2020. CTE presentation made to OSPCB on 24.09.2020.
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	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. In addition to that, MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order of Hal forest. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & respective schemes are approved on 27.10.2018 and in line with the demand letter received from DFO, Rs 16.35 Crore was paid. 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 schemes have been revised and approved by the State Forest Department 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. A meeting in this regard held at HOFF office on 09.12.19. Since, suitable Degraded Forest Land (DFL) for CA is not available in Keonjhar Forest Division, identification of suitable CA land is under consideration at Kalahandi Forest Division.		Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. Consent to Establish (CTE) for production of 15000 TPA Mn Ore was extended by OSPCB upto 20.12.2023 on 22.05.2019. CTO for 15000 TPA Mn ore mining was renewed by OSPCB on 27.03.2020 for validity up to 31.03.2021. CTO for Railway Siding of Bolani Ores Mines mines was renewed by OSPCB on 27.03.2020 for validity up to 31.03.2021.
Govt. of Odisha vide letter dated 17.03.2020 extended the 6.9 Sq. mile lease of Bolani Ores Mines upto13.11.2032 as per MMGC Rules, 2015. Lease deed yet to be executed.							

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										Status as on Oct'2020
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, State Govt. forwarded the proposal to MoEFCC, New Delhi on 30.07.2015/23.09.2015 for grant of Stage-II FC but kept pending for carrying capacity study by Ministry. 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. Proposal for grant of Stage-II FC has been forwarded to MOEFCC, New Delhi on 01.10.2019. Again, additional information sought by MoEFCC on 15.11.2019. The revised kml file & geo-referenced map has been prepared & submitted to DFO, Saranda in different period of time by Jan'2020 for further analysis of the report. The report submitted to PCCF (Nodal), GoJ office on 02.03.2020. The office of PCCF (Nodal), GoJ observed certain discrepancies in CA schemes and raised EDS on 17.03.2020. Chairman, SAIL vide letter dated 28.04.20 requested CS, GoJ to forward the compliance report to MoEFCC. The same has been intimated to PCCF (Nodal), Govt. of Jharkhand on 06.06.2020 through DFO, Saranda and RCCF, Jamshedpur. Further, DFO, Saranda vide letter dated 17.06.2020 raised a demand for payment of Rs. 42.8 lakhs towards boundary pillarng of CA sites. The demand was uploaded in MoEFCC portal on 18.06.2020. After, approval of demand by the Office of PCCF (Nodal), Govt. of Jharkhand on 18.07.2020, the payment Rs. 42.8 lakhs was made on 20.07.2020 and subsequently, intimation was given to DFO, Saranda with a copy to PCCF (Nodal), Govt. of Jharkhand on the same day. DFO, Saranda vide letter dated 29.07.2020 forwarded the payment status to RCCF, Jamshedpur and subsequently forwarded to PCCF Nodal on 05.08.2020. The proposal forwarded to PCCF, HoFF on 25.09.2020. PCCF (Nodal), Jharkhand vide letter dated 28.10.2020 forwarded the information sought by MoEFCC, New Delhi to Principal Secretary (F, E & CC), Jharkhand for forwarding to MoEFCC, New Delhi to grant Stage – II FC for Durgaiburu Lease of Gua Ore Mines.	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. The EC amendment proposal for selling of dump fine has been submitted to MoEFCC & presentation held in Feb,2020 whrein ADS raised on 26.03.2020 which was replied on 31.08.2020 to Ministry. EAC meeting held on 25.09.2020 Minutes of meeting issued on 07.10.2020 wherein EAC recommended the EC amendment proposal.				
Government of Jharkhand has extended the mining lease period of Duarguiburu Lease of Gua Ore Mines up to 21.02.2029 vide order dated 25.06.2019. The lease deed executed on 24.09.2019 and registration done on 30.09.2019.										
Jhilingburu - I	12.05.50	11.05.80	210.526	25.04.09 (2nd RML)	Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification is under progress.	ToR for conduting EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEF&CC on 13.11.17sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance.				
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFCC, Ranchi on 16.01.2018 for further necessary action. MoE&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. Geo-referenced map, topo sheet map & kml/shape files were prepared and submitted to DFO, Porhat, which was forwarded to the office of DFO, Saranda. Vide letter dated 20.03.2020, DFO, Saranda was requested to forward the compliance of the query raised by MoEFCC, RO, Ranchi. DFO, Saranda vide letter dated 08.04.2020 raised the differential CA demand of Rs. 70,74,292/- and directed to pay online. The CA demand letter & schemes were uploaded in MoEFCC portal on 29.04.2020. The challan for payment of CA was generated on 29.05.2020 and payment was made on 02.06.2020. Vide letter dated 03.06.2020, DFO, Saranda has been informed regarding CA payment. DFO, Saranda vide letter dated 11.06.2020 submitted the compliance report RCCF, JSR. RCCF, JSR vide letter dated 29.06.2020 forwarded the report to PCCF (Nodal).	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. For hand over of forest land proposal for 14.15 ha is pending with Govt. of Jharkhand.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015. EC amendment order for selling in open market has been granted by MoEFCC on 19.05.2020. Subsequently, CTE application submitted to JSPCB on 30.05.2020. CTE order issued by JSPCB on 19.06.2020. CTO order issued by JSPCB on 28.07.2020.				
Lease period has been extended upto 11.05.2020 by Govt of Jharkhand on 30.10.2019 & lease deed executed on 17.01.2020 & registration done on 22.01.2020.										
Lease period has been extended upto 08.03.2040 by Govt of Jharkhand on 23.10.2019 & lease deed executed on 17.01.2020 & registration done on 22.01.2020										

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)		Status as on Oct'2020 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) 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. Matter is pending for grant of Stage-II FC.	EC has been granted by MoEF&CC vide letter no -J-11015/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA.				
Ajitaburu	07.12.47	06.12.77	323.887	04.12.06 (2nd RML)				EC has been granted by MoEF&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA.		
Sukri - Latur	22.03.49	21.03.79	609.554	11.03.08 (2nd RML)				EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA.		
Dhobil	08.03.48	07.03.38	513.036	06.03.97 (2nd RML)	Forestry clearance is deemed to be exist upto 2038.			EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17. Consent to Operate for 0.75 MTPA has been renewed by JSPCB on 09.03.2018 for the period up to 31.03.2022. CTO for Manoharpur siding for dispatch of 2.5 lakhs T/month of iron ore was granted by JSPCB on 08.12.16 for period upto 30.06.2021.		
Tatiburu	01.09.49	31.08.79	38.85	24.08.08 (2nd RML)	Virgin & Non-working lease.No FC			No EC		
Ankua	14.06.82	31.03.20	67.178	18.06.11 (2nd RML)	Virgin & Non-working lease.No FC			No EC		
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 for ML-130 lease of Barsua-Taldih-Kalta mines (8.05 MTPA) was renewed by OSPCB on 27.03.2020 for validity up to 30.03.2021. CTO for Barsua Railway Siding was renewed by OSPCB on 30.03.2020 for validity up to 31.03.2021. CTO for Roxy Railway Siding of Kalta Iron Mine was renewed by OSPCB on 30.03.2020 for validity up to 31.03.2024. EC amendment order issued by MOEFCC on 03.07.2020 & corrihendum dated 13.07.2020. CTE application request made on 14.07.2020 for which CTE presentation made to OSPCB on 27.08.2020. CTE amendment order issued on 25.09.2020. Modified CTO granted on 22.10.2020.				
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						
MINE	GRANTED	VALID	AREA	RENEWAL	FORESTRY CLEARANCE (FC)	Status as on Oct'2020
					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 Gorgao, 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 Gorgao 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 with validity upto 31.01.2020. CTO renewed by MPPCB on 24.12.2019 with validity up to 31.01.2021.
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. Matter is pending at Court.

October'20

ACCIDENT STATISTICS OF RMD MINES

	FATAL(in Nos)						SERIOUS(in Nos)						REPORTABLE(in Nos)						MANDAYS LOST(in Days)					
	Oct'20			2020-21			Oct'20			2020-21			Oct'20			2020-21			Oct'20			2020-21		
	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T	R	C	T
Kiriburu																								
Meghatuburu				1		1																6000		6000
Bolani																								
Barsua																								
Taldih																								
Kalta																								
Gua																								
Maboharpur																								
Kuteshwar																	1	1				12	12	
Tulsidamar																								
RMD Total				1		1											1	1				6000	12	6012

RMD MANPOWER POSITION AS ON 01.11.2020

	Executives	Non-Executives	Total
A. Ore Mines			
Kiriburu	87	506	593
Meghatuburu	67	480	547
Bolani	88	451	539
Barsua	57	265	322
Kalta	14	56	70
Gua	57	464	521
Chiria	15	51	66
A. Total	385	2273	2658
B. Flux Mines			
Purnapani	0	5	5
Kuteshwar	24	58	82
BNP & TDMR	10	45	55
B. Total	34	108	142
C. Offices			
Kolkata	69	31	100
Rourkela	11	16	27
Bokaro	1	2	3
Durgapur	0	4	4
Delhi	4	2	6
Bhubaneswar	2	2	4
Ranchi	1	2	3
Burnpur	0	1	1
MT	7	NA	7
C. Total	95	60	155
Grand Total (A+B+C)	514	2441	2955
Manpower as on 01.10.2020	518	2460	2978
Reduction(-)/Increase(+)	-4	-19	-23

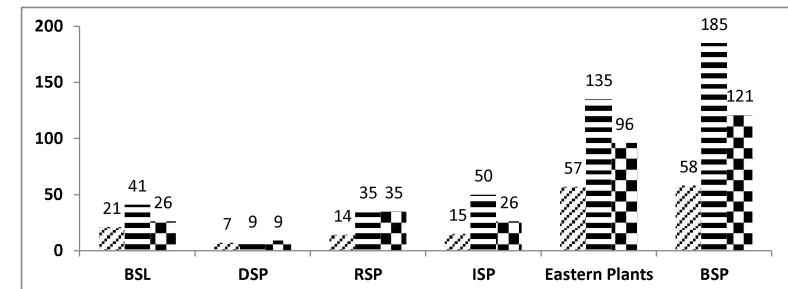
IRON ORE STOCK INVENTORY BEHAVIOUR

Oct-20

IRON ORE LUMP

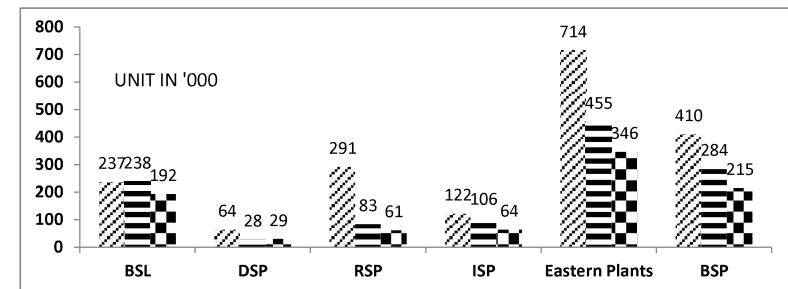
UNIT:'000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2020	01.10.2020	MTH	CUM	MTH	CUM	01.11.2020	MTH	YR
BSL	21	41	264	1179	285	1136	26	-15	5
DSP	7	9	136	718	135	715	9	0	2
RSP	14	35	220	1116	202	935	35	0	21
ISP	15	50	35	468	54	440	26	-24	11
Eastern Plants	57	135	656	3481	676	3226	96	-39	39
BSP	58	185		<u>15</u>	319	1493	121	-64	63
TOT	115	320	656	3496	995	4719	217	103	102



IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2020	01.10.2020	MTH	CUM	MTH	CUM	01.11.2020	MTH	YR
BSL	237	238	272	1856	325	1937	192	-46	-45
DSP	64	28	210	1125	209	1159	29	1	-35
RSP	291	83	475	2063	530	2474	61	-22	-230
ISP	122	106	160	1408	235	1574	64	-42	-58
Eastern Plants	714	455	1117	6452	1299	7144	346	-109	-368
BSP	410	284	<u>12</u>	<u>168</u>	444	2356	215	-69	-195
TOT	1124	739	1129	6620	1743	9500	561	178	563



IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2020	01.10.2020	MTH	CUM	MTH	CUM	01.11.2020	MTH	YR
BSL	258	279	536	3035	610	3073	218	-61	-40
DSP	71	37	347	1842	344	1874	38	1	-33
RSP	305	118	695	3178	732	3409	96	-22	-209
ISP	137	156	195	1876	289	2014	90	-66	-47
Eastern Plants	771	590	1773	9932	1975	10370	442	-148	-329
BSP	468	469	<u>12</u>	<u>183</u>	763	3849	336	-133	-132
TOT	1239	1059	1785	10116	2738	14219	778	281	461

* BSP RECEIPT FROM RMD MINES

PRODUCTION PERFORMANCE

Oct-20

हॉट मेटल

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Sep-19	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	333	388	116	313	24	1679	1943	116	2389	-19
दूर्गापूर	215	218	101	175	25	1089	1206	111	1353	-11
राउरकेला	290	387	133	289	34	1465	1883	129	2054	-8
बर्नपूर	125	125	100	195	-36	1296	1082	83	1344	-20
पूर्वी इस्पात संयंत्र	963	1118	116	972	15	5529	6114	111	7140	-14
भिलाई	450	463	103	382	21	2356	2278	97	2738	-17
TOTAL	1413	1581	112	1354	17	7885	8392	106	9877	-15

सिन्तर

UNIT:'000 TONNES

संयंत्र	FOR THE MONTH			LAST YR Sep-19	GRTH %	CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF			TGT	ACT	%FF		
बोकारो	461	443	96	476	-7	2405	2615	109	3389	-23
दूर्गापूर	303	315	104	252	25	1554	1759	113	1840	-4
राउरकेला	478	622	130	485	28	2417	2929	121	3418	-14
बर्नपूर	181	294	162	283	4	1916	1838	96	2037	-10
पूर्वी इस्पात संयंत्र	1423	1675	118	1496	12	8292	9142	110	10683	-14
भिलाई	675	668	99	566	18	3530	3451	98	4103	-16
TOTAL	2098	2343	112	2061	14	11822	12593	107	14786	-15

IRON ORE RECEIPT FOR THE MONTH OF SEP-20

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	83	70	97		7				7		264
DSP			90				46				136
RSP		20		65	37	97					220
ISP			1				34				35
BSP											
TOT	83	90	188	65	45	97	80		7		656

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	91	64	101		12	4					272
DSP	7	11	97				95				210
RSP	150	138		14	28	117	29				475
ISP	16	39	2				103				160
BSP	12										12
TOT	276	251	200	14	40	121	227				1129

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	174	134	198		19	4			7		536
DSP	7	11	187				141				347
RSP	150	158		79	65	214	29				695
ISP	16	39	3				137				195
BSP	12										12
TOT	359	341	388	79	85	219	307		7		1785

IRON ORE RECEIPT TILL THE MONTH OF SEP-20

FIGS IN '000 T

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	403	336	264	74	7				73	23	1179
DSP			655			4	59				718
RSP	11	26		300	173	600			6		1116
ISP			120	9			339				468
BSP				15							15
TOT	414	363	1039	398	180	604	398		79	23	3496

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1015	396	281	15	12	134			4		1856
DSP	18	11	976				121				1125
RSP	169	324		521	271	690	29		59		2063
ISP	16	272	210	64			846				1408
BSP	137					23	7				168
TOT	1355	1003	1466	599	284	847	1003		63		6620

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1418	732	544	89	19	134			76	23	3035
DSP	18	11	1631			4	180				1842
RSP	180	351		821	444	1289	29		65		3178
ISP	16	272	330	73			1185				1876
BSP	137			15		23	7				183
TOT	1769	1365	2505	997	463	1451	1401		141	23	10116

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	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
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	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
BHAWANATHPUR (PSBS)	369	585.80	491	763.80	468	476.50	459	727.40	909	1398.20
KHANABANJARI (BLSG)	712	1119.70	834	1259.30	675	1048.70	802	1259.30	496	763.80

BUSY 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	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
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	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20	Km	Jan-20
BHAWANATHPUR (PSBS)	369	707.35	491	922.29	468	575.37	459	878.34	909	1688.33
KHANABANJARI (BLSG)	712	1352.04	834	1520.60	675	1266.31	802	1520.60	496	922.29