



INTER OFFICE CORRESPONDENCE
स्टील अथॉरिटी ऑफ़ इंडिया लिमिटेड
रॉ मेटेरियल्स डिवीजन

No: RMD/K/DGM (PPC)/19-20/15

Dated: 02/04/2019

From: DGM (PPC), Kolkata	To: ED (P&A)/ED(RP&E)/ED(Projects) All Head of Mines All GMs at Kolkata & Rourkela
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Subject: Production, Despatch, Quality and Linkage of Iron Ore & Flux for the year 2019-20.

Kindly find enclosed herewith month-wise Production, Dispatch, Departmental Waste, Quality and Linkage Plan for RMD mines during 2019-20. These figures have been approved by Executive Director (Oprns) RMD and shall be considered for APP purpose.

Month wise dispatch figures are fixed but dispatch distributions to different Steel Plants are indicative & dispatches shall be done as per requirement, rake availability and Transit Permit/Forwarding Notes etc. for the destination Steel Plants.

Daily dispatch plan shall be intimated by PPC, Kolkata.

With kind regards

Encl: As above: 12 Pages

Anupam Bisht
26/4/19

(Anupam Bisht)
DGM (PPC)

Copy for kind information:

1. Office of Director (RM&L), SAIL, New Delhi.
2. GM, CRMG, SAIL, New Delhi.

HOT METAL & SINTER PRODUCTION PLAN FOR 2019-20

STEEL PLANTS

	Apr-19	May-19	Jun-19	QTR I	Jul-19	Aug-19	Sep-19	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
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HOT METAL

BSL	365	400	390	1155	397	380	360	1137	395	395	411	1201	411	385	411	1207	4700
DSP	190	225	220	635	202	225	220	647	228	209	235	672	235	216	235	686	2640
RSP	339	350	339	1028	322	358	321	1001	331	323	335	989	335	312	335	982	4000
ISP	220	235	225	680	210	225	230	665	235	225	210	670	225	220	240	685	2700
BSP	471	495	478	1444	501	558	542	1601	552	562	579	1693	584	544	584	1712	6450
TOTAL	1585	1705	1652	4942	1632	1746	1673	5051	1741	1714	1770	5225	1790	1677	1805	5272	20490

SINTER

BSL	411	451	439	1301	451	482	542	1475	558	504	523	1585	558	523	558	1639	6000
DSP	282	294	281	857	240	289	282	811	302	294	250	846	304	278	304	886	3400
RSP	550	568	550	1668	521	579	523	1623	540	527	545	1612	545	507	545	1597	6500
ISP	318	340	325	983	304	325	333	961	340	325	304	969	325	318	347	990	3904
BSP	685	720	710	2115	720	810	800	2330	800	815	840	2455	850	790	860	2500	9400
TOTAL	2246	2373	2305	6924	2236	2485	2480	7200	2540	2465	2462	7467	2582	2416	2614	7612	29204

LUMP SUPPLY PLAN

BSL	244	268	261	773	266	254	241	761	264	264	275	804	275	258	275	808	3145
DSP	124	147	143	414	132	147	143	422	149	136	153	438	153	141	153	447	1720
RSP	177	183	177	537	168	187	168	523	173	169	175	517	175	163	175	513	2090
ISP	124	133	127	384	119	127	130	376	133	127	119	378	127	124	136	387	1525
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lump	669	730	709	2108	684	715	682	2081	719	696	722	2137	730	686	739	2155	8480

IRON ORE FINES SUPPLY PLAN FOR SINTER

BSL	340	375	365	1080	370	355	340	1065	370	370	380	1120	360	385	376	1121	4386
DSP	190	225	210	625	200	225	220	645	225	205	230	660	225	215	230	670	2600
RSP	365	375	370	1110	350	385	350	1085	360	350	365	1075	360	328	360	1048	4318
ISP	250	270	255	775	240	260	260	760	270	260	240	770	260	251	275	786	3091
BSP	100	100	100	300	100	100	100	300	100	100	100	300	100	100	100	300	1200
Fines	1245	1345	1300	3890	1260	1325	1270	3855	1325	1285	1315	3925	1305	1279	1341	3925	15595

IRON ORE FINES SUPPLY PLAN FOR PELLETS

BSL	30	30	30	90	30	30	25	85	30	35	30	95	30	30	35	95	365
DSP	6	7	7	20	6	7	7	20	7	6	7	20	7	7	7	21	81
RSP	35	35	30	100	30	35	30	95	30	30	35	95	30	31	35	96	386
ISP	8	8	8	24	7	8	8	23	8	8	7	23	8	7	8	23	93
Fines	79	80	75	234	73	80	70	223	75	79	79	233	75	75	85	235	925

TOTAL LUMP+FINES SUPPLY PLAN

BSL	614	673	656	1943	666	639	606	1911	664	669	685	2019	665	673	686	2024	7896
DSP	320	379	360	1059	338	379	370	1087	381	347	390	1118	385	363	390	1138	4401
RSP	577	593	577	1747	548	607	548	1703	563	549	575	1687	565	522	570	1657	6794
ISP	382	411	390	1183	366	395	398	1159	411	395	366	1171	395	382	419	1196	4709
BSP	100	100	100	300	100	100	100	300	100	100	100	300	100	100	100	300	1200
Lump+Fine	1993	2155	2084	6232	2017	2120	2022	6159	2119	2060	2116	6295	2110	2040	2165	6315	25000

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Annexure-I

INDICATIVE PRODUCTION & LINKAGES PLAN IRON ORE 2019-20

Units in 000 TE	BSL	DSP	RSP	ISP	BSP	Total	Mines Production 19-20
HM PLANT	4700	2640	4000	2700	6450	20490	
LUMP DISPATCH							
REQMT	3421	1781	2382	1595		9179	PROD - LUMP
KIRIBURU	340		810			1150	1150
MEGHAHATUBURU	585		290			875	875
BOLANI	640	1460		486		2586	2586
BARSUA	683		120			803	803
TALDIH	172		160			332	332
KALTA	529		700			1229	1229
GUA	90	260		780		1130	1130
CHIRIA	106		10	259		375	375
TOTAL	3145	1720	2090	1525	0	8480	8480
Lump Shortage	276	61	292	70	0	699	
Specific Consm as per Requirement	0.73	0.67	0.60	0.59			
FINES DISPATCH							
REQMT	4386	2600	4318	3091	1200	15595	PROD - FINES
KIRIBURU	869	0	1281	0	1200	3350	3350
MEGHAHATUBURU	969	91	1565	0		2625	2625
BOLANI	930	2000	0	984		3914	3914
BARSUA	1090	0	607			1697	1697
TALDIH	338	0	280			618	618
KALTA	300	0	771		0	1071	1071
GUA	80	590		2200	0	2870	2870
CHIRIA	175	0	200		0	375	375
TOTAL	4751	2681	4704	3184	1200	16520	16520
Excess Fines	365	81	386	93	0	925	
Linkage @ 1.323 T Fines/T Pellet	365	81	386	93	0	925	
Specific Consm as per Requirement	0.93	0.98	1.08	1.14			
TOTAL IRON ORE							
REQMT	7807	4381	6700	4686	1200	24774	PROD - L+F
KIRIBURU	1209	0	2091	0	1200	4500	4500
MEGHAHATUBURU	1554	91	1855	0	0	3500	3500
BOLANI	1570	3460	0	1470	0	6500	6500
BARSUA	1773	0	727	0	0	2500	2500
TALDIH	510	0	440	0	0	950	950
KALTA	829	0	1471	0	0	2300	2300
GUA	170	850	0	2980	0	4000	4000
CHIRIA	281	0	210	259	0	750	750
TOTAL	7896	4401	6794	4709	1200	25000	25000
Specific Consm-Demand	1.66	1.66	1.68	1.74			
Specific Consm- Plan	1.68	1.67	1.70	1.74	9.25 lakh T excess fines may be linked for pellet conversion @1.323		1.323

Units in 000 Te	FLUX LINKAGES 2019-20						
LIMESTONE	BSL	DSP	RSP	ISP	BSP		PROD- FLUX
REQMT	480	107	150	0	500	1237	
KUTESHWAR	480	70	150	0	500	1200	1200
TOT-LST	480	70	150	0	500	1200	1200
DOLOMITE	100		60		50	210	PROD
TULSIDAMAR	100	0	60	0	50	210	210
TOT-DOLO	100	0	60	0	50	210	210

PRODUCTION PLANNING FOR 2019-20

IRON ORE MINES

	Apr-19	May-19	Jun-19	QTR I	Jul-19	Aug-19	Sep-19	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
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KIRIBURU

LUMP	105	105	100	310	85	85	75	245	90	90	105	285	105	100	105	310	1150
FINES	315	315	295	925	235	235	215	685	265	270	300	835	300	290	315	905	3350
L+F	420	420	395	1235	320	320	290	930	355	360	405	1120	405	390	420	1215	4500

*Shutdown for 10 days in Sept'19 4 days in Oct'19 and 3 days in Nov'19

MEGHAHATUBURU

LUMP	75	80	75	230	65	65	60	190	80	75	80	235	75	70	75	220	875
FINES	225	235	225	685	190	190	185	565	235	225	235	695	235	210	235	680	2625
L+F	300	315	300	915	255	255	245	755	315	300	315	930	310	280	310	900	3500

BOLANI

LUMP	235	245	155	635	215	215	205	635	245	235	135	615	240	221	240	701	2586
FINES	360	370	215	945	320	320	315	955	370	360	205	935	370	339	370	1079	3914
L+F	595	615	370	1580	535	535	520	1590	615	595	340	1550	610	560	610	1780	6500

* Shutdown 12 Days in June'19 for Secondary Crusher, Reclaimer, Fines Stackers & Thickeners

BARSUA

LUMP	55	70	70	195	75	75	70	220	70	70	70	210	45	63	70	178	803
FINES	110	155	145	410	150	150	145	445	150	150	155	455	95	142	150	387	1697
L+F	165	225	215	605	225	225	215	665	220	220	225	665	140	205	220	565	2500

* Shutdown in A shift for 21 days in Apr'19

* 12 days Shutdown for Cov#51 Modification in Jan'20

TALDIH

LUMP	27	28	27	82	28	28	27	83	28	28	28	84	28	27	28	83	332
FINES	51	52	51	154	52	52	51	155	52	52	52	156	51	50	52	153	618
L+F	78	80	78	236	80	80	78	238	80	80	80	240	79	77	80	236	950

KALTA

LUMP	105	105	105	315	95	95	90	280	105	110	105	320	110	100	104	314	1229
FINES	90	95	90	275	85	80	80	245	95	90	95	280	91	85	95	271	1071
L+F	195	200	195	590	180	175	170	525	200	200	200	600	201	185	199	585	2300

GUA

LUMP	95	100	95	290	85	85	85	255	100	95	100	295	100	90	100	290	1130
FINES	245	250	245	740	220	220	215	655	250	245	250	745	250	230	250	730	2870
L+F	340	350	340	1030	305	305	300	910	350	340	350	1040	350	320	350	1020	4000

MANOHARPUR

LUMP	31	32	31	94	32	32	31	95	32	31	32	95	32	27	32	91	375
FINES	31	32	31	94	32	32	31	95	32	31	32	95	32	27	32	91	375
L+F	62	64	62	188	64	64	62	190	64	62	64	190	64	54	64	182	750

RMD TOTAL IRON ORE

	Apr-19	May-19	Jun-19	QTR I	Jul-19	Aug-19	Sep-19	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
LUMP	728	765	658	2151	680	680	643	2003	750	734	655	2139	735	698	754	2187	8480
FINES	1427	1504	1297	4228	1284	1279	1237	3800	1449	1423	1324	4196	1424	1373	1499	4296	16520
TOTAL	2155	2269	1955	6379	1964	1959	1880	5803	2199	2157	1979	6335	2159	2071	2253	6483	25000

DESPATCH PLANNING FOR 2019-20

IRON ORE MINES

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	QTR 1	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
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KIRIBURU

LUMP	105	100	100	305	85	75	250	90	105	105	105	105	100	100	105	310	1150
FINES	320	320	315	955	245	235	735	265	270	300	300	835	270	270	285	825	3350
L+F	425	420	415	1260	330	310	985	355	360	405	405	1120	375	370	390	1135	4500

MEGHAHATUBURU

LUMP	60	74	85	219	70	86	226	70	75	90	235	70	70	70	55	195	875
FINES	236	236	236	708	220	240	660	213	198	213	624	228	187	218	218	633	2625
L+F	296	310	321	927	290	310	886	283	273	303	859	298	257	273	273	828	3500

BOLANI

LUMP	235	245	165	645	215	205	635	245	203	167	615	235	211	245	691	2586
FINES	350	370	280	1000	330	325	985	325	310	280	915	345	335	334	1014	3914
L+F	585	615	445	1645	545	530	1620	570	513	447	1530	580	546	579	1705	6500

BARSUA

LUMP	55	70	70	195	75	70	220	70	70	70	210	45	63	70	178	803
FINES	110	155	145	410	150	145	445	150	150	155	455	95	142	150	387	1697
L+F	165	225	215	605	225	215	665	220	220	225	665	140	205	220	565	2500

TALDIH

LUMP	27	28	27	82	28	27	83	28	28	28	84	28	27	28	83	332
FINES	51	52	51	154	52	51	155	52	52	52	156	51	50	52	153	618
L+F	78	80	78	236	80	78	238	80	80	80	240	79	77	80	236	950

KALTA

LUMP	105	105	105	315	105	90	290	95	110	105	310	110	100	104	314	1229
FINES	90	95	90	275	85	80	245	95	90	95	280	91	85	95	271	1071
L+F	195	200	195	590	190	175	535	190	200	200	590	201	185	199	585	2300

GUA

LUMP	95	100	100	295	85	85	250	100	95	100	295	100	90	100	290	1130
FINES	245	250	245	740	220	215	655	250	245	250	745	250	230	250	730	2870
L+F	340	350	345	1035	305	300	905	350	340	350	1040	350	320	350	1020	4000

MANOHARPUR

LUMP	31	20	31	82	32	44	107	32	31	32	95	32	27	32	91	375
FINES	31	32	31	94	32	32	95	32	31	32	95	32	27	32	91	375
L+F	62	52	62	176	64	76	202	64	62	64	190	64	54	64	182	750

RMD TOTAL IRON ORE

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	QTR 1	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
LUMP	713	742	683	2138	695	697	669	2061	730	702	697	2129	725	688	739	2152	8480
FINES	1433	1510	1393	4336	1334	1359	1282	3975	1382	1346	1377	4105	1362	1326	1416	4104	16520
Total	2146	2252	2076	6474	2029	2056	1951	6036	2112	2048	2074	6234	2087	2014	2155	6256	25000

DESPATCH PLANNING IRON ORE FOR 2019-20

IRON ORE MINES

	Apr-19	May-19	Jun-19	QTR I	Jul-19	Aug-19	Sep-19	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
KIRIBURU- LUMP																	
BSL	20	30	25	75	25	25	30	80	20	20	40	80	35	40	30	105	340
DSP				0				0				0				0	0
RSP	85	70	75	230	60	65	45	170	70	70	65	205	70	60	75	205	810
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	105	100	100	305	85	90	75	250	90	90	105	285	105	100	105	310	1150
MEGHAHATUBURU- LUMP																	
BSL	30	44	70	144	45	45	51	141	45	50	65	160	45	50	45	140	585
DSP				0				0				0				0	0
RSP	30	30	15	75	25	25	35	85	25	25	25	75	25	20	10	55	290
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	60	74	85	219	70	70	86	226	70	75	90	235	70	70	55	195	875
BOLANI- LUMP																	
BSL	90	75	15	180	65	40	41	146	79	50	20	149	65	40	60	165	640
DSP	100	125	110	335	105	130	124	359	126	108	126	360	130	131	145	406	1460
RSP				0				0				0				0	0
ISP	45	45	40	130	45	45	40	130	40	45	21	106	40	40	40	120	486
BSP				0				0				0				0	0
TOTAL	235	245	165	645	215	215	205	635	245	203	167	615	235	211	245	691	2586
BARSUA- LUMP																	
BSL	45	60	60	165	65	65	50	180	55	70	60	185	45	53	55	153	683
DSP				0				0				0				0	0
RSP	10	10	10	30	10	10	20	40	15		10	25		10	15	25	120
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	55	70	70	195	75	75	70	220	70	70	70	210	45	63	70	178	803
TALDIH- LUMP																	
BSL	15	15	20	50	15	10	15	40	15	15	15	45	15	10	12	37	172
DSP				0				0				0				0	0
RSP	12	13	7	32	13	18	12	43	13	13	13	39	13	17	16	46	160
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	27	28	27	82	28	28	27	83	28	28	28	84	28	27	28	83	332
KALTA- LUMP																	
BSL	45	45	45	135	45	45	35	125	45	50	45	140	45	40	44	129	529
DSP				0				0				0				0	0
RSP	60	60	60	180	60	50	55	165	50	60	60	170	65	60	60	185	700
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	105	105	105	315	105	95	90	290	95	110	105	310	110	100	104	314	1229
GUA- LUMP																	
BSL	10	4		14	6			6	5	5	15	25	15	15	15	45	90
DSP	27	20	35	82	35	20	15	70	30	28	15	73	15	10	10	35	260
RSP				0				0				0				0	0
ISP	58	76	65	199	44	60	70	174	65	62	70	197	70	65	75	210	780
BSP				0				0				0				0	0
TOTAL	95	100	100	295	85	80	85	250	100	95	100	295	100	90	100	290	1130
MANOHARPUR- LUMP																	
BSL	10	7	15	32	6	12	7	25	5	5	5	15	11	10	13	34	106
DSP				0				0				0				0	0
RSP				0		10		10				0				0	10
ISP	21	13	16	50	26	22	24	72	27	26	27	80	21	17	19	57	259
BSP				0				0				0				0	0
TOTAL	31	20	31	82	32	44	31	107	32	31	32	95	32	27	32	91	375
TOTAL- LUMP																	
BSL	265	280	250	795	272	242	229	743	269	265	265	799	276	258	274	808	3145
DSP	127	145	145	417	140	150	139	429	156	136	141	433	145	141	155	441	1720
RSP	197	183	167	547	168	178	167	513	173	168	173	514	173	167	176	516	2090
ISP	124	134	121	379	115	127	134	376	132	133	118	383	131	122	134	387	1525
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	713	742	683	2138	695	697	669	2061	730	702	697	2129	725	688	739	2152	8480

DESPATCH PLANNING IRON ORE FINES FOR 2019-20

IRON ORE MINES

	Apr-19	May-19	Jun-19	QTR I	Jul-19	Aug-19	Sep-19	QTR2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
BSL	85	85	85	255	60	60	50	170	70	80	80	230	70	70	74	214	869
DSP				0				0				0				0	0
RSP	135	135	130	400	85	95	85	265	95	90	120	305	100	100	111	311	1281
ISP				0				0				0				0	0
BSP	100	100	100	300	100	100	100	300	100	100	100	300	100	100	100	300	1200
TOTAL	320	320	315	955	245	255	235	735	265	270	300	835	270	270	285	825	3350

MEGHAHATUBURU- FINES

BSL	100	104	100	304	90	90	70	250	70	55	70	195	90	60	70	220	969
DSP	16	12	16	44				0	8	8	8	24	8	7	8	23	91
RSP	120	120	120	360	130	150	130	410	135	135	135	405	130	120	140	390	1565
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	236	236	236	708	220	240	200	660	213	198	213	624	228	187	218	633	2625

BOLANI-FINES

BSL	100	100	70	270	65	55	60	180	80	75	55	210	100	85	85	270	930
DSP	160	175	140	475	175	185	175	535	175	165	155	495	165	165	165	495	2000
RSP				0				0				0				0	0
ISP	90	95	70	255	90	90	90	270	70	70	70	210	80	85	84	249	984
BSP				0				0				0				0	0
TOTAL	350	370	280	1000	330	330	325	985	325	310	280	915	345	335	334	1014	3914

BARSUA- FINES

BSL	90	90	75	255	100	105	93	298	85	150	90	325	30	97	85	212	1090
DSP				0				0				0				0	0
RSP	20	65	70	155	50	45	52	147	65		65	130	65	45	65	175	607
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	110	155	145	410	150	150	145	445	150	150	155	455	95	142	150	387	1697

TALDIH- FINES

BSL	25	25	23	73	20	20	25	65	30	30	30	90	40	30	40	110	338
DSP				0				0				0				0	0
RSP	26	27	28	81	32	32	26	90	22	22	22	66	11	20	12	43	280
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	51	52	51	154	52	52	51	155	52	52	52	156	51	50	52	153	618

KALTA- FINES

BSL	15	15	14	44	25	25	20	70	25	30	35	90	35	25	36	96	300
DSP				0				0				0				0	0
RSP	75	80	76	231	60	55	60	175	70	60	60	190	56	60	59	175	771
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	90	95	90	275	85	80	80	245	95	90	95	280	91	85	95	271	1071

GUA- FINES

BSL	10	10	6	26	6	6	6	18	6	6	6	18	6	6	6	18	80
DSP	50	50	50	150	50	50	50	150	50	50	50	150	50	40	50	140	590
RSP				0				0				0				0	0
ISP	185	190	189	564	164	164	159	487	194	189	194	577	194	184	194	572	2200
BSP				0				0				0				0	0
TOTAL	245	250	245	740	220	220	215	655	250	245	250	745	250	230	250	730	2870

MANOHARPUR- FINES

BSL	15	15	15	45	15	15	15	45	15	15	15	45	15	10	15	40	175
DSP				0				0				0				0	0
RSP	16	17	16	49	17	17	16	50	17	16	17	50	17	17	17	51	200
ISP				0				0				0				0	0
BSP				0				0				0				0	0
TOTAL	31	32	31	94	32	32	31	95	32	31	32	95	32	27	32	91	375

TOTAL- FINES

BSL	440	444	388	1272	381	376	339	1096	381	441	381	1203	386	383	411	1180	4751
DSP	226	237	206	669	225	235	225	685	233	223	213	669	223	212	223	658	2681
RSP	392	444	440	1276	374	394	369	1137	404	323	419	1146	379	362	404	1145	4704
ISP	275	285	259	819	254	254	249	757	264	259	264	787	274	269	278	821	3184
BSP	100	100	100	300	100	100	100	300	100	100	100	300	100	100	100	300	1200
TOTAL	1433	1510	1393	4336	1334	1359	1282	3975	1382	1346	1377	4105	1362	1326	1416	4104	16520

DESPATCH PLANNING FOR 2019-20

IRON ORE MINES

	Apr-19	May-19	Jun-19	QTR 1	Jul-19	Aug-19	Sep-19	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
KIRIBURU- LUMP+ FINES																	
BSL	105	115	110	330	85	85	80	250	90	100	120	310	105	110	104	319	1209
DSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RSP	220	205	205	630	145	160	130	435	165	160	185	510	170	160	186	516	2091
ISP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSP	100	100	100	300	100	100	100	300	100	100	100	300	100	100	100	300	1200
TOTAL	425	420	415	1260	330	345	310	985	355	360	405	1120	375	370	390	1135	4500
MEGHAHATUBURU- LUMP+ FINES																	
BSL	130	148	170	448	135	135	121	391	115	105	135	355	135	110	115	360	1554
DSP	16	12	16	44	0	0	0	0	8	8	8	24	8	7	8	23	91
RSP	150	150	135	435	155	175	165	495	160	160	160	480	155	140	150	445	1855
ISP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	296	310	321	927	290	310	286	886	283	273	303	859	298	257	273	828	3500
BOLANI- LUMP+FINES																	
BSL	190	175	85	450	130	95	101	326	159	125	75	359	165	125	145	435	1570
DSP	260	300	250	810	280	315	299	894	301	273	281	855	295	296	310	901	3460
RSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISP	135	140	110	385	135	135	130	400	110	115	91	316	120	125	124	369	1470
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	585	615	445	1645	545	545	530	1620	570	513	447	1530	580	546	579	1705	6500
BARSUA- LUMP+ FINES																	
BSL	135	150	135	420	165	170	143	478	140	220	150	510	75	150	140	365	1773
DSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RSP	30	75	80	185	60	55	72	187	80	0	75	155	65	55	80	200	727
ISP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	165	225	215	605	225	225	215	665	220	220	225	665	140	205	220	565	2500
TALDIH- LUMP+FINES																	
BSL	40	40	43	123	35	30	40	105	45	45	45	135	55	40	52	147	510
DSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RSP	38	40	35	113	45	50	38	133	35	35	35	105	24	37	28	89	440
ISP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	78	80	78	236	80	80	78	238	80	80	80	240	79	77	80	236	950
KALTA- LUMP+FINES																	
BSL	60	60	59	179	70	70	55	195	70	80	80	230	80	65	80	225	829
DSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RSP	135	140	136	411	120	105	115	340	120	120	120	360	121	120	119	360	1471
ISP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	195	200	195	590	190	175	170	535	190	200	200	590	201	185	199	585	2300
GUA- LUMP+FINES																	
BSL	20	14	6	40	12	6	6	24	11	11	21	43	21	21	21	63	170
DSP	77	70	85	232	85	70	65	220	80	78	65	223	65	50	60	175	850
RSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISP	243	266	254	763	208	224	229	661	259	251	264	774	264	249	269	782	2980
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	340	350	345	1035	305	300	300	905	350	340	350	1040	350	320	350	1020	4000
MANOHARPUR- LUMP+FINES																	
BSL	25	22	30	77	21	27	22	70	20	20	20	60	26	20	28	74	281
DSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RSP	16	17	16	49	17	27	16	60	17	16	17	50	17	17	17	51	210
ISP	21	13	16	50	26	22	24	72	27	26	27	80	21	17	19	57	259
BSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62	52	62	176	64	76	62	202	64	62	64	190	64	54	64	182	750
TOTAL- LUMP+FINES																	
BSL	705	724	638	2067	653	618	568	1839	650	706	646	2002	662	641	685	1988	7896
DSP	353	382	351	1086	365	385	364	1114	389	359	354	1102	368	353	378	1099	4401
RSP	589	627	607	1823	542	572	536	1650	577	491	592	1660	552	529	580	1661	6794
ISP	399	419	380	1198	369	381	383	1133	396	392	382	1170	405	391	412	1208	4709
BSP	100	100	100	300	100	100	100	300	100	100	100	300	100	100	100	300	1200
TOTAL	2146	2252	2076	6474	2029	2056	1951	6036	2112	2048	2074	6234	2087	2014	2155	6256	25000

Iron Ore Fines Linkages for Sinter& Pellets 2019-20

IRON ORE FINES FOR SINTER

BSL	340	375	365	1080	370	355	340	1065	370	370	380	1120	360	385	376	1121	4386
DSP	190	225	210	625	200	225	220	645	225	205	230	660	225	215	230	670	2600
RSP	365	375	370	1110	350	385	350	1085	360	350	365	1075	360	328	360	1048	4318
ISP	250	270	255	775	240	260	260	760	270	260	240	770	260	251	275	786	3091
BSP	100	100	100	300	100	100	100	300	100	100	100	300	100	100	100	300	1200
Fines	1245	1345	1300	3890	1260	1325	1270	3855	1325	1285	1315	3925	1305	1279	1341	3925	15595

IRON ORE FINES FOR PELLETS

BSL	30	30	30	90	30	30	25	85	30	35	30	95	30	30	35	95	365
DSP	6	7	7	20	6	7	7	20	7	6	7	20	7	7	7	21	81
RSP	35	35	30	100	30	35	30	95	30	30	35	95	30	31	35	96	386
ISP	8	8	8	24	7	8	8	23	8	8	7	23	8	7	8	23	93
Fines	79	80	75	234	73	80	70	223	75	79	79	233	75	75	85	235	925

MONTHLY PLAN OF ROM FOR FY 2019-20

UNIT- 000 T

IRON ORE MINES

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
KIRIBURU																
ROM(TOT)	420	420	395	320	320	290	930	355	360	405	1120	405	390	420	1215	4500
MEGHAHATUBURU																
ROM(TOT)	300	315	350	332	332	319	983	350	337	315	1002	310	280	310	900	3850
BOLANI																
ROM(TOT)	595	615	370	535	535	520	1590	615	595	340	1550	610	560	610	1780	6500
BARSUA																
ROM(TOT)	185	245	235	245	245	235	725	240	240	245	725	160	225	240	625	2740
TALDIH																
ROM(TOT)	78	80	78	80	80	78	238	80	80	80	240	79	77	80	236	950
KALTA																
ROM(TOT)	195	200	195	180	175	170	525	200	200	200	600	201	185	199	585	2300
GUA																
ROM(TOT)	340	350	340	305	305	300	910	350	340	350	1040	350	320	350	1020	4000
CHIRIA																
ROM(TOT)	62	64	62	64	64	62	190	64	62	64	190	64	54	64	182	750
RMD																
ROM(TOT)	2175	2289	2025	2061	2056	1974	6091	2254	2214	1999	6467	2179	2091	2273	6543	25590

DEPARTMENTAL MONTHLY PLAN OF WASTE REMOVAL FOR FY 2019-20

UNIT- 000 T

IRON ORE MINES

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	QTR2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
KIRIBURU																
OB(DEPT)	230	230	50	50	50	50	150	230	220	230	680	230	200	230	660	2000
MEGHAHATUBURU																
OB(DEPT)	250	250	270	170	170	170	510	220	260	260	740	280	220	280	780	2800
BOLANI																
OB(DEPT)	120	120	110	180	120	120	420	130	130	180	440	140	120	130	390	1600
BARSUA																
OB(DEPT)	100	100	100	50	50	50	150	50	50	50	150	50	50	50	150	750
TALDIH																
OB(DEPT)							0				0				0	0
KALTA																
OB(DEPT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUA																
OB(DEPT)	120	120	120	100	100	100	300	120	120	120	360	130	120	130	380	1400
CHIRIA																
OB(DEPT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RMD																
OB(DEPT)	820	820	650	550	490	490	1530	750	780	840	2370	830	710	820	2360	8550



Annexure -7

2019-20

AVERAGE LUMP QUALITY

	Fe%	SiO2%	Al2O3%	OS	US	Gangue%
KIOM	62.50	3.00	2.50	10.00	10.00	5.50
MIOM	62.50	3.40	2.60	10.00	10.00	6.00
BOLANI	62.50	2.80	2.50	10.00	10.00	5.30
BARSUA	62.50	2.90	3.00	10.00	10.00	5.90
TALDIH	62.50	2.40	2.40	5.00	10.00	4.80
KALTA	63.00	2.10	2.30	5.00	10.00	4.40
GUA	62.50	3.00	2.20	10.00	10.00	5.20
CHIRIA	63.00	2.00	2.20	10.00	10.00	4.20
Total	62.59	2.77	2.47	9.08	10.00	5.24

BLFND LUMP

	FF%	SiO2%	Al2O3%	OS	US	Al2O3+SiO2	Al2O3/SiO2
BSL	62.60	2.79	2.57	8.89	10.00	5.36	0.92
DSP	62.50	2.83	2.45	10.00	10.00	5.28	0.87
RSP	62.67	2.70	2.47	7.94	10.00	5.16	0.91
ISP	62.58	2.77	2.30	10.00	10.00	5.06	0.83
BSP	-	-	-	-	-	-	-

AVERAGE FINES QUALITY

	Fe%	SiO2%	Al2O3%	OS	US	Gangue%
KIOM	62.50	3.40	2.60	5.00	30.00	6.00
MIOM	62.00	4.00	2.50	5.00	30.00	6.50
BOLANI	62.50	2.90	2.80	5.00	30.00	5.70
BARSUA	62.00	3.50	3.00	5.00	30.00	6.50
TALDIH	62.00	3.00	3.00	5.00	40.00	6.00
KALTA	63.00	2.40	2.50	5.00	40.00	4.90
GUA	62.50	3.00	2.70	5.00	40.00	5.70
CHIRIA	63.00	2.40	2.60	5.00	40.00	5.00
Total	62.39	3.22	2.70	5.00	32.99	5.91

BLEND FINES*

	Fe%	SiO2%	Al2O3%	OS	US	Al2O3+SiO2	Al2O3/SiO2
BSL	62.30	3.31	2.73	5.00	31.88	6.05	0.83
DSP	62.48	2.96	2.77	5.00	32.20	5.73	0.94
RSP	62.34	3.38	2.63	5.00	32.66	6.01	0.78
ISP	62.50	2.97	2.73	5.00	36.91	5.70	0.92
BSP	62.50	3.40	2.60	5.00	30.00	6.00	0.76

* Includes Fines linked for pellets conversion

FLUX MINES PRODUCTION PLAN 2019-20

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	QTR 1	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
KUTESHWAR																	
LST	100	100	100	92	92	96	280	280	105	100	105	310	105	100	105	310	1200
TULSIDAMAR																	
DOLO	10	10	15	16	16	16	48	48	20	20	22	62	22	21	22	65	210

LIMESTONE DESPATCH PLAN 2019-20

	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	QTR 1	QTR 2	Oct-19	Nov-19	Dec-19	QTR 3	Jan-20	Feb-20	Mar-20	QTR 4	19-20
KUTESHWAR																	
BSL	40	40	40	40	40	40	120	120	40	40	40	120	40	40	40	120	480
DSP	8	4	4	8	4	8	20	20	8	8	4	20	4	6	4	14	70
RSP	8	12	12	4	8	8	20	20	16	12	20	48	16	14	20	50	150
ISP							0	0				0				0	0
BSP	44	44	44	40	40	40	120	120	40	40	40	120	44	40	44	128	500
TOTAL	100	100	100	92	92	96	300	280	104	100	104	308	104	100	108	312	1200