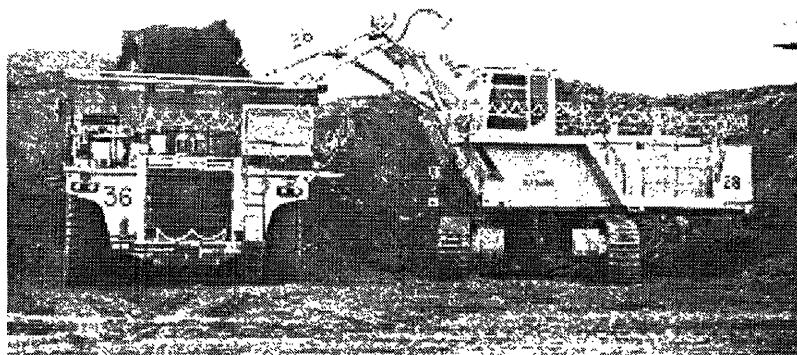


# आर.एम.डी. इन्फ्रामॉटिक्स



APRIL'2018



द्वारा प्रकाशित:  
पीपीसी विभाग  
रॉ मेटेरियल्स डिवीजन  
भारतीय इस्पात प्राधिकरण

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## Excerpt

For the month of April'2018

- Production :
- ❖ 84% APP fulfillment in Total Production by RMD Mines. 74%, 83%, 84% & 97% APP fulfillment in production by Kirirburu, Meghahatuburu, Bolani & Gua Mines respectively.
- ❖ 75% & 90% APP fulfillment in Lump & Fines Production Respectively by RMD Mines.
- ❖ 54% APP fulfillment in Flux production. 52% & 69% APP fulfillment in production by Kuteshwar & Tulsidamer Flux Mines respectively.
  
- Despatch :
- ❖ 83% APP fulfillment in despatch of iron ore and 65% APP fulfillment in Flux despatch by RMD Mines.
- ❖ 82% & 84% APP fulfillment in Lump & Fines Despatch Respectively by RMD Mines.
- ❖ 58% & 111% APP fulfillment in Flux despatch by Kuteshwar Limestone & Tulsidamar Dolomite mines respectively.

### 469 Rakes Despatched in April'2018

#### Details of Rake Despatched

MINES	COMM	April'18	TILL2018-19
KBR	L	23	23
	F	61	61
MBR	L	34	34
	F	58	58
BOL	L	35	35
	F	91	91
TAL	L	13	13
	F	7	7
KAL	L	20	20
	F	25	25
GUA	L	33	33
	F	64	64
MPR	L	5	5
	F	0	0
RMD	L	163	163
	F	306	306
<b>TOTAL</b>		<b>469</b>	<b>469</b>

PLANT	COMM	April'18	TILL 2018-19
BSL	L	48	48
	F	73	73
DSP	L	33	33
	F	74	74
RSP	L	50	50
	F	81	81
ISP	L	32	32
	F	76	76
BSP	L	0	0
	F	2	2
TOTAL	L	163	163
	F	306	306
	<b>TOTAL</b>	<b>469</b>	<b>469</b>

## IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

APR 2018

UNIT 000 TONNES

## PRODUCTION

MINE & RATED CAP		PLAN				FOR MONTH		GRTH % OVER LSTYR APR 2017	TILL THE MONTH				GRTH % OVER LSTYR	CAP UTLN %
		2018-19	TGT	ACT	%FF	LAST YR APR 2017	TGT		ACT	%FF	LAST YR			
KIRIBURU 5500	L	1300	115	74	64	98	-24.8	115	74	64	98	-24.8		
	F	3000	260	204	78	221	-7.8	260	204	78	221	-7.8		
	T	4300	375	278	74	320	-13.1	375	278	74	320	-13.1	61	
MEGHAHA TUBURU 5000	L	1150	110	83	75	42	95.1	110	83	75	42	95.1		
	F	2750	250	218	87	135	60.8	250	218	87	135	60.8		
	T	3900	360	300	83	178	69.0	360	300	83	178	69.0	72	
BOLANI 6500	L	2250	140	94	67	150	-37.7	140	94	67	150	-37.7		
	F	3950	230	217	94	255	-14.7	230	217	94	255	-14.7		
	T	6200	370	311	84	405	-23.3	370	311	84	405	-23.3	57	
BARSUA 3000	L	680												
	F	1370												
	T	2050												
TALDIH 1000	L	420	55	39	72	21	83.9	55	39	72	21	83.9		
	F	480	15	30	199			15	30	199				
	T	900	70	69	99	21	223.5	70	69	99	21	223.5	83	
KALTA 2500	L	1000	100	79	79	57	38.5	100	79	79	57	38.5		
	F	1200	80	89	111	59	51.2	80	89	111	59	51.2		
	T	2200	180	168	93	116	44.9	180	168	93	116	44.9	81	
GUA 4000	L	1000	90	93	103	93	-0.1	90	93	103	93	-0.1		
	F	3200	260	248	95	228	9.0	260	248	95	228	9.0		
	T	4200	350	341	97	321	6.4	350	341	97	321	6.4	102	
MANOHAR - PUR 1500	L	350	30	19	62	31	-39.0	30	19	62	31	-39.0		
	F	400	25			18	-100.0	25						
	T	750	55	19	34	49	-61.6	55	19	34	49	-61.6	15	
TOTAL 29000	L	8150	640	480	75	493	-2.6	640	480	75	493	-2.6		
	F	16350	1120	1005	90	916	9.8	1120	1005	90	916	9.8		
	T	24500	1760	1485	84	1409	5.4	1760	1485	84	1409	5.4	61	

## IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

APR 2018

UNIT 000 TONNES

## DESPATCHES

MINE		PLAN FOR THE MONTH				GRTH % OVER LSTYR APR 2017	TILL THE MONTH				GRTH % OVER LSTYR APR 2017	STOCKS AT MINES AS ON			
		2018-19	TGT	ACT	%FF		LAST YR APR 2017	TGT	ACT	%FF		YEAR BEGN.	MTH BEGN.	MTH END	
KIRIBURU	L	1300	115	83	72	93	-10.4	115	83	72	93	-10.4	28	28	13
	F	3000	300	219	73	206	6.5	300	219	73	206	6.5	9121	9121	1006
	T	4300	415	302	73	299	1.3	415	302	73	299	1.3	9149	9149	1019
MEGHAHA	L	1150	140	124	89	103	21.1	140	124	89	103	21.1	101	101	58
TUBURU	F	2750	300	208	69	187	11.6	300	208	69	187	11.6	552	552	542
	T	3900	440	333	76	289	15.0	440	333	76	289	15.0	653	653	600
BOLANI	L	2250	165	122	74	157	-22.6	165	122	74	157	-22.6	133	133	102
	F	3950	290	315	109	270	16.6	290	315	109	270	16.6	1522	1522	1420
	T	6200	455	437	96	427	2.2	455	437	96	427	2.2	1655	1655	1522
BARSUA	L	680											15	15	15
	F	1370											194	194	194
	T	2050											209	209	209
TALDIH	L	420	55	42	76	19	117.8	55	42	76	19	117.8	9	9	5
	F	480	15	24	159		80.0	15	24	159		80.0	9	9	15
	T	900	70	66	94	19	242.2	70	66	94	19	242.2	18	18	20
KALTA	L	1000	100	73	73	53	37.5	100	73	73	53	37.5	12	12	18
	F	1200	80	89	111	49	80.0	80	89	111	49	80.0	13	13	13
	T	2200	180	162	90	102	58.0	180	162	90	102	58.0	25	25	31
GUA	L	1000	90	110	122	95	16.3	90	110	122	95	16.3	30	30	23
	F	3200	260	207	80	211	-1.8	260	207	80	211	-1.8	161	161	146
	T	4200	350	317	91	306	3.8	350	317	91	306	3.8	191	191	169
MANOHAR - PUR	L	350	30	18	59	30	-40.9	30	18	59	30	-40.9	5	5	
	F	400	25			14	-100.0	25			14	-100.0			
	T	750	55	18	32	44	-59.7	55	18	32	44	-59.7	5	5	
TOTAL	L	8150	695	572	82	550	4.0	695	572	82	550	4.0	328	328	234
	F	16350	1270	1062	84	937	13.4	1270	1062	84	937	13.4	11577	11577	3336
	T	24500	1965	1634	83	1486	9.9	1965	1634	83	1486	9.9	11905	11905	3570

**IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)**  
**APR 2018**

UNIT 000 TE

<b>DEVELOPMENT</b>								
	FOR MONTH			TILL MONTH			LAST YR	GRTH % LSTYR
	TGT	ACT	%FF	TGT	ACT	%FF		
KIRIBURU	263	137	52	263	137	52	247	-45
MEGHAHATUBURU	350	280	80	350	280	80	441	-36
BOLANI	461	385	84	461	385	84	173	123
BARSUA	110	0	0	110	0	0	0	
TALDIH	0	23		0	23		24	-3
KALTA	0	0		0	0		0	
GUA	270	128	47	270	128	47	116	10
MANOHARPUR	0	0		0	0		0	
<b>TOTAL</b>	<b>1454</b>	<b>953</b>	<b>66</b>	<b>1454</b>	<b>953</b>	<b>66</b>	<b>1001</b>	<b>-4.8</b>

<b>ROM</b>								
KIRIBURU	375	278	74	375	278	74	320	-13
MEGHAHATUBURU	360	300	83	360	300	83	133	125
BOLANI	370	308	83	370	308	83	409	-25
BARSUA	0	0		0	0		0	
TALDIH	70	98	140	70	98	140	54	83
KALTA	180	141	78	180	141	78	125	13
GUA	350	341	97	350	341	97	321	6
MANOHARPUR	55	19	34	55	19	34	49	-62
<b>TOTAL</b>	<b>1760</b>	<b>1485</b>	<b>84</b>	<b>1760</b>	<b>1485</b>	<b>84</b>	<b>1410</b>	<b>5</b>

<b>TOTAL EXCAVATION</b>								
KIRIBURU	638	415	65	638	415	65	567	-27
MEGHAHATUBURU	710	580	82	710	580	82	574	1
BOLANI	831	693	83	831	693	83	581	19
BARSUA	110	0	0	110	0	0	0	
TALDIH	70	122	174	70	122	174	78	56
KALTA	180	141	78	180	141	78	125	13
GUA	620	469	76	620	469	76	437	7
MANOHARPUR	55	19	34	55	19	34	49	-62
<b>TOTAL</b>	<b>3214</b>	<b>2438</b>	<b>76</b>	<b>3214</b>	<b>2438</b>	<b>76</b>	<b>2411</b>	<b>1</b>

## Performance against Last Year

Unit in Te	PREVIOUS YEAR EXCAVATION PERFORMANCE 2017-18																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB			
Apr-17	566550	319590	246960	573770	133020	440750	581486	408757	172729	0	0	0	78111	53811	24300	125300	125300	0	436700	320600	116100	48679	48679	0	2410596	1409757	1000839
Total	566550	319590	246960	573770	133020	440750	581486	408757	172729	0	0	0	78111	53811	24300	125300	125300	0	436700	320600	116100	48679	48679	0	2410596	1409757	1000839

Unit in Te	THIS YEAR EXCAVATION PERFORMANCE 2018-19																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB			
Apr-18	414550	277830	136720	579990	299790	280200	693432	308108	385324	0	0	0	121796	98306	23490	141140	141140	0	468530	341000	127530	18700	18700	0	2438138	1484874	953264
Total	414550	277830	136720	579990	299790	280200	693432	308108	385324	0	0	0	121796	98306	23490	141140	141140	0	468530	341000	127530	18700	18700	0	2438138	1484874	953264

Change Over Last Year																											
DIFF	-152000	-41760	-110240	6220	166770	-160550	111946	-100649	212595	0	0	0	43685	44495	-810	15840	15840	0	31830	20400	11430	-29979	-29979	0	27542	75117	-47575
%Chg	-26.8	-13.1	-44.6	1.1	125.4	-36.4	19.3	-24.6	123.1	#DIV/0!	#DIV/0!	#DIV/0!	55.9	82.7	-3.3	12.6	12.6	#DIV/0!	7.3	6.4	9.8	-61.6	-61.6	####	1.1	5.3	-4.8

## Performance against Last Year

Unit in Tons	PREVIOUS YEAR PRODUCTION PERFORMANCE 2017-18																										
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT			
Apr-17	98217	221373	319590	42314	135337	177651	150393	254749	405142				21394		21394	57208	58563	115771	92928	227672	320600	30625	18054	48679	493079	915748	1408827
Total	98217	221373	319590	42314	135337	177651	150393	254749	405142				21394		21394	57208	58563	115771	92928	227672	320600	30625	18054	48679	493079	915748	1408827

Unit in Tons	THIS YEAR PRODUCTION PERFORMANCE 2018-19																									
	Kiriburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL	
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT		
Apr-18	73813	204017	277830	82542	217606	300148	93647	217222	310869				39333	29869	69202	79217	88549	167766	92820	248180	341000	18700	18700	480072	1005443	1485515
Total	73813	204017	277830	82542	217606	300148	93647	217222	310869				39333	29869	69202	79217	88549	167766	92820	248180	341000	18700	18700	480072	1005443	1485515

Change Over Last Year																											
DIFF	-24404	-17356	-41760	40228	82269	122497	-56746	-37527	-94273				17939	29869	47808	22009	29986	51995	-108	20508	20400	-11925	-18054	-29979	-13007	89695	76688
%Chg	-24.8	-7.8	-13.1	95.1	60.8	69.0	-37.7	-14.7	-23.3	#DIV/0!	#DIV/0!	#DIV/0!	83.9	#DIV/0!	223.5	38.5	51.2	44.9	-0.1	9.0	6.4	-38.9	-100.0	-61.6	-2.6	9.8	5.4

## Performance against Last Year

Unit In Te	PREVIOUS YEAR DESPATCH PERFORMANCE 2017-18																										
	Kirburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-17	93034	205705	298739	102557	186744	289301	157291	270155	427446				19284		19284	52923	49335	102258	94743	211053	305796	29782	13962	43744	549614	936954	1486568
Total	93034	205705	298739	102557	186744	289301	157291	270155	427446	0	0	0	19284	0	19284	52923	49335	102258	94743	211053	305796	29782	13962	43744	549614	936954	1486568
THIS YEAR DESPATCH PERFORMANCE 2018-19																											
	Kirburu			Meghahatuburu			Bolani			Barsua			Taldih			Kalta			Gua			Manoharpur			RMD TOTAL		
	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT	LUMP	FINES	TOT
Apr-18	83370	219106	302476	124184	208457	332641	121767	314857	436624				41799	23872	65671	72764	88815	161579	110181	207154	317335	17613	17613	571678	1062261	1633939	
Total	83370	219106	302476	124184	208457	332641	121767	314857	436624				41799	23872	65671	72764	88815	161579	110181	207154	317335	17613	17613	571678	1062261	1633939	
Change Over last Year																											
DIFF	-9664	13401	3737	21627	21713	43340	-35524	44702	9178	0	0	0	22515	23872	46387	19841	39480	59321	15438	-3899	11539	-12169	-13962	-26131	22064	125307	147371
%Chg	-10.4	6.5	1.3	21.1	11.6	15.0	-22.6	16.5	2.1	#DIV/0!	#DIV/0!	#DIV/0!	116.8	#DIV/0!	240.5	37.5	80.0	58.0	16.3	-1.8	3.8	-40.9	-100.0	-59.7	4.0	13.4	9.9

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**APR 2018**

**बोकारो इस्पात संयंत**

UNIT '000 TONNES

MINE	LUMP							FINES							TOTAL										
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB	50	23	45	50	23	45	12	94	90	102	113	90	102	113	80	28	140	125	89	140	125	89	91	36	
MBR	110	67	61	110	67	61	64	5	100	81	81	100	81	81	100	-19	210	148	70	210	148	70	164	-10	
BOL	40	18	45	40	18	45	79	-77	100	51	51	100	51	51	67	-23	140	70	50	140	70	50	147	-53	
BAR																									
TAL		7			7					24			24					31			31				
KAL	15	55	368	15	55	368											15	55	368	15	55	368			
GUA	10	2	16	10	2	16	31	-95		9			9			46	-81	10	10	103	10	10	103	77	-86
MPR	30	7	25	30	7	25	4	97	15			15					45	7	16	45	7	16	4	97	
RMD TOT	255	178	70	255	178	70	189	-6	305	267	88	305	267	88	293	-9	560	446	80	560	446	80	482	-8	
DRZ																									
PUR																									
GR TOT	255	178	70	255	178	70	189	-6	305	267	88	305	267	88	293	-9	560	446	80	560	446	80	482	-8	

0

FLUXES

KTR	45	28	62	45	28	62	20	40
TDMR	4	6	139	4	6	139	4	37
<b>TOT</b>	<b>49</b>	<b>34</b>	<b>69</b>	<b>49</b>	<b>34</b>	<b>69</b>	<b>24</b>	<b>39</b>

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**APR 2018**

**दूर्गापूर 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	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	
KRB																									
MBR		3			3																				
BOL	85	72	85	85	72	85	47	52	120	135	112	120	135	112	104	29	205	207	101	205	207	101	152	36	
BAR																									
TAL																									
KAL																									
GUA	50	41	83	50	41	83	28	49	95	99	105	95	99	105	55	80	145	141	97	145	141	97	83	70	
MPR																									
RMD TOT	135	117	86	135	117	86	75	55	215	251	117	215	251	117	159	58	350	368	105	350	368	105	234	57	
DRZ																									
PUR																									
GR TOT	135	117	86	135	117	86	75	55	215	251	117	215	251	117	159	58	350	368	105	350	368	105	234	57	
0																									
FLUXES																									
KTR	4			4																					
TDMR																									
TOT	4			4																					

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**APR 2018**

**राउरकेला इस्पात संयंत्र**

**UNIT '000 TONNES**

MINE	LUMP						FINES						TOTAL						FOR MONTH						TILL MONTH					
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH						
	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%	APP	ACT	% OFF	APP	ACT	% OFF	YR	%						
KRB	45	61	135	45	61	135	81	-25	100	108	108	100	108	108	126	-15	145	168	116	145	168	116	207	-19						
MBR	30	54	180	30	54	180	39	39	110	94	85	110	94	85	86	9	140	148	106	140	148	106	125	18						
BOL																														
BAR																														
TAL	55	35	63	55	35	63	19	82	15			15					70	35	50	70	35	50	19	82						
KAL	75	18	23	75	18	23	53	-67	80	89	111	80	89	111	49	80	155	106	69	155	106	69	102	4						
GUA																														
MPR		6			6		11	-43	10			10			14	-100	10	6	65	10	6	65	25	-74						
RMD TOT	205	174	85	205	174	85	204	-15	315	290	92	315	290	92	276	5	520	464	89	520	464	89	479	-3						
PUR																														
DRZ		0			0												0			0										
GR TOT	205	174	85	205	174	85	204	-15	315	290	92	315	290	92	276	5	520	464	89	520	464	89	479	-3						

0 FLUXES

K'IR	14	4	29	14	4	29	8	-51
TDMR	4	3	69	4	3	69	8	-65
<b>TOT</b>	<b>18</b>	<b>7</b>	<b>38</b>	<b>18</b>	<b>7</b>	<b>38</b>	<b>16</b>	<b>-58</b>

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

APR 2018

बर्नपूर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	APP	ACT	%FF	APP	ACT	%FF	YR	%	
KRB	20			20						3				3			20	3	16	20	3	16			
MBR										60	16	27	60	16	27		60	16	27	60	16	27			
BOL	40	32	79	40	32	79	30	4	70	129	184	70	129	184	99	30	110	160	146	110	160	146	129	24	
BAR																									
TAL																									
KAL	10			10													10			10					
GUA	30	67	224	30	67	224	36	85	135	99	73	135	99	73	110	-10	165	166	101	165	166	101	146	14	
MPR		4				4		15	-75									4			4			15	-75
RMD TOT	100	103	103	100	103	103	82	26	265	247	93	265	247	93	209	18	365	350	96	365	350	96	290	21	
DRZ																									
PUR																									
GR TOT	100	103	103	100	103	103	82	26	265	247	93	265	247	93	209	18	365	350	96	365	350	96	290	21	

0

FLUXES

KTR								
TDMR	4	3	68	4	3	75		
<b>TOT</b>	<b>4</b>	<b>3</b>	<b>68</b>	<b>4</b>	<b>3</b>	<b>75</b>		

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

**APR 2018**

**भिलाई इस्पात संयंत्र**

**UNIT '000 TONNES**

MINE	LUMP								FINES								TOTAL								
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	
	APP	ACT	%OFF	APP	ACT	%OFF			APP	ACT	%OFF	APP	ACT	%OFF	YR	%	APP	ACT	%OFF	APP	ACT	%OFF	YR	%	
KRB									100	6	6	100	6	6			100	6	6	100	6	6			
MBR																									
BOL																									
BAR																									
TAL																									
KAL																									
GUA																									
MPR																									
RMD TOT									100	6	6	100	6	6			100	6	6	100	6	6			
DRZ																									
PUR																									
GR TOT									100	6	6	100	6	6			100	6	6	100	6	6			

0

**FLUXES**

KTR	62	40	65	62	40	65	52	-23
TDMR	8	11	138	8	11	138	8	35
<b>TOT</b>	<b>70</b>	<b>51</b>	<b>73</b>	<b>70</b>	<b>51</b>	<b>73</b>	<b>60</b>	<b>-15</b>

**IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS**

APR 2018

BSL+DSP+RSP+ISP+BSP

UNIT '000 TONNES

MINE	LUMP								FINES								TOTAL							
	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH	FOR MONTH			TILL MONTH			LAST	GRTH
	APP	ACT	%OFF	APP	ACT	%OFF			APP	ACT	%OFF	APP	ACT	%OFF	YR	%	APP	ACT	%OFF	APP	ACT	%OFF	YR	%
KRB	115	83	72	115	83	72	93	-10	290	219	76	290	219	76	206	7	405	302	75	405	302	75	299	1
MBR	140	124	89	140	124	89	103	21	270	208	77	270	208	77	187	12	410	333	81	410	333	81	289	15
BOL	165	122	74	165	122	74	157	-23	290	315	109	290	315	109	270	17	455	437	96	455	437	96	427	2
BAR																								
TAL	55	42	76	55	42	76	19	118	15	24	159	15	24	159			70	66	94	70	66	94	19	242
KAL	100	73	73	100	73	73	53	37	80	89	111	80	89	111	49	80	180	162	90	180	162	90	102	58
GUA	90	110	122	90	110	122	95	16	230	207	90	230	207	90	211	-2	320	317	99	320	317	99	306	4
MPR	30	18	59	30	18	59	30	-41	25		25				14	-100	55	18	32	55	18	32	44	-60
RMD TOT	695	572	82	695	572	82	550	4	1200	1062	89	1200	1062	89	937	13	1895	1634	86	1895	1634	86	1486	10
PUR																								
DRZ		0			0													0			0			
GR TOT	695	572	82	695	572	82	550	4	1200	1062	89	1200	1062	89	937	13	1895	1634	86	1895	1634	86	1486	10
0 FLUXES																								
KTR	125	72	58	125	72	58	81	-10																
TDMR	20	22	110	20	22	112	20	11																
<b>TOT</b>	<b>145</b>	<b>94</b>	<b>65</b>	<b>145</b>	<b>95</b>	<b>65</b>	<b>101</b>	<b>-6</b>																

**FLUX MINES PERFORMANCE FOR AND UPTO THE MONTH OF  
APR 2018**

UNIT 000 TONNES

**PRODUCTION**

MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR APR 2017	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR APR 2017		TGT	ACT	%FF	LAST YR	
KUTESHWAR	1420	125	65	52	85	-23.1	125	65	52	85	-23.1
TULSIDAMAR	200	20	14	69	10	36.0	20	14	69	10	36.0
<b>TOTAL</b>	<b>1620</b>	<b>145</b>	<b>79</b>	<b>54</b>	<b>95</b>	<b>-16.7</b>	<b>145</b>	<b>79</b>	<b>54</b>	<b>95</b>	<b>-16.7</b>

**DESPATCH**

MINE	PLAN	FOR MONTH				GRTH % OVER LSTYR APR 2017	TILL MONTH				GRTH % OVER LSTYR
		TGT	ACT	%FF	LAST YR APR 2017		PLAN	ACT	%FF	LAST YR	
KUTESHWAR	1420	125	72	58	81	-10.1	125	72	58	81	-10.1
TULSIDAMAR	200	20	22	111	20	10.7	20	22	111	20	10.7
<b>TOTAL</b>	<b>1620</b>	<b>145</b>	<b>95</b>	<b>65</b>	<b>101</b>	<b>-6.0</b>	<b>145</b>	<b>95</b>	<b>65</b>	<b>101</b>	<b>-6.0</b>

Monthwise Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2017-18							
	KTR		Bhawanathpur		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP	PROD	DESP
Apr-17	84586	80594			10170	20107	94756	100701
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
Total	84586	80594			10170	20107	94756	100701

	THIS YEAR FLUX PERFORMANCE 2018-19							
	KTR		Bhawanathpur		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP	PROD	DESP
Apr-18	65064	72530			13835	22249	78899	94779
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
Total	65064	72530			13835	22249	78899	94779

Over Last Year

DIFF	-19522	-8064			3665	2142	-15857	-5922
%Chg	-23.1	-10.0	#DIV/0!		36.0	10.7	-16.7	-5.9

**QUALITY ANALYSED AT PLANT**

APR 2018

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाईन्स						FLUX					
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MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES	CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%	
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BNP	NORM	43	5	6.5	15	10
	MTH ACT	62.65	3.36	1.99	13.76	20.66	62.16	3.30	2.69	9.75	29.15							
CUM	2018-19	62.65	3.36	1.99	13.76	20.66	62.16	3.30	2.69	9.75	29.15	CUM	2018-19					
CUM	2017-18	63.10	2.91	1.78	13.55	20.35	62.29	3.38	2.47	9.89	29.91	CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30	18	5	5	10
	MTH ACT	62.73	3.04	2.14	15.09	18.63	61.76	3.78	2.86	5.37	33.93							
CUM	2018-19	62.73	3.04	2.14	15.09	18.63	61.76	3.78	2.86	5.37	3.93	CUM	2018-19	30.21	19.92	4.98	3.75	9.00
CUM	2017-18	62.88	3.04	1.93	14.90	21.66	61.92	3.83	2.53	5.49	35.27	CUM	2017-18	29.75	18.89	5.47	5.92	9.88

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.52	3.41	1.98	22.30	16.13	63.18	2.57	2.09	3.67	40.33							
CUM	2018-19	62.52	3.41	1.98	22.30	16.13	63.18	2.57	2.09	3.67	40.33	CUM	2018-19	42.91	2.30	3.68	2.76	22.73
CUM	2017-18	62.73	3.02	2.02	10.95	25.04	62.62	3.15	2.01	2.62	40.59	CUM	2017-18	45.56	2.57	3.33	4.00	26.14

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00						
	MTH ACT	62.33	2.83	2.80	22.21	15.97	61.93	3.43	2.90	4.89	33.62						
CUM	2018-19	62.33	2.83	2.80	22.21	15.97	61.93	3.43	2.90	4.89	33.62						
CUM	2017-18	62.98	2.78	1.98	16.54	21.21	62.19	3.30	2.60	5.68	34.46						

KAL	NORM	63.00	2.10	2.30	0.00	10.00	63.00	2.40	2.50	5.00	40.00							
	MTH ACT	63.84	2.19	2.18	4.41	12.28												
CUM	2018-19	63.84	2.19	2.18	4.41	12.28						CUM	2018-19	42.91	2.30	3.68	2.76	22.73
CUM	2017-18	64.36	1.80	1.50	6.76	12.44	63.70	2.20	1.90	4.30	29.54							

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00							
	MTH ACT	64.08	2.23	1.98	13.40	11.20												
CUM	2018-19	64.08	2.23	1.98	13.40	11.20						CUM	2018-19	42.91	2.30	3.68	2.76	22.73
CUM	2017-18	64.61	1.57	1.42	10.76	12.45	63.59	2.12	2.17	4.41	30.08							

TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00							
	MTH ACT	63.22	2.53	2.41	9.70	12.20	62.88	2.65	2.93	3.83	29.80							
CUM	2018-19	63.22	2.53	2.41	9.70	12.20	62.88	2.65	2.93	3.83	29.80	CUM	2018-19	42.91	2.30	3.68	2.76	22.73
CUM	2017-18	63.54	2.25	1.92	7.48	13.66	62.64	2.64	3.03	4.60	29.80							

**QUALITY ANALYSED AT PLANT**

APR 2018

दर्गापुर इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाईन्स						FLUX					
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MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BF LST	NORM	43	5	6.5	15	10
	MTH ACT											BNP	MTH ACT					
CUM	2018-19											CUM	2018-19					
CUM	2017-18	63.30	2.70	1.90	4.40	22.80						CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30	18	5	5	10
	MTH ACT						62.17	2.52	2.65	5.08	38.28		MTH ACT					
CUM	2018-19						62.17	2.52	2.65	5.08	38.28	CUM	2018-19					
CUM	2017-18	62.78	2.70	1.23	12.60	19.89	62.92	3.45	2.03	3.94	47.59	CUM	2017-18	30.40	16.20	4.40	71.80	10.40

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	62.83	2.63	1.70	27.93	11.32	63.01	2.75	2.17	2.34	49.07		MTH ACT					
CUM	2018-19	62.83	2.63	1.70	27.93	11.32	63.01	2.75	2.17	2.34	49.07	CUM	2018-19					
CUM	2017-18	62.72	2.94	1.59	10.62	16.98	63.95	2.47	1.58	2.43	51.83	CUM	2017-18	45.70	2.28	4.53	31.28	11.88

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00
	MTH ACT	63.30	1.81	1.93	24.43	14.42	63.06	2.41	2.41	6.27	42.42
CUM	2018-19	63.30	1.81	1.93	24.43	14.42	63.06	2.41	2.41	6.27	42.42
CUM	2017-18	62.70	2.27	1.95	15.32	15.19	62.89	2.69	2.26	5.71	41.45

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00
	MTH ACT										
CUM	2018-19										
CUM	2017-18	61.70	1.75	3.95	11.55	44.60					

**QUALITY ANALYSED AT PLANT**

**APR 2018**

**रातरकेला इस्पात संयंत्र**

लौह अयस्क लम्प						लौह अयस्क फाईन्स						FLUX					
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MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BNP	NORM	43	5	6.5	15	10
	MTH ACT	62.87	2.99	2.60	17.10	15.70	62.31	2.97	2.71				MTH ACT					
CUM	2018-19	62.87	2.99	2.60	17.10	15.70	62.31	2.97	2.71			CUM	2018-19					
CUM	2017-18	62.53	3.04	2.66	14.17	21.64	62.19	3.08	2.51	8.00	34.25	CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30	18	5	5	10
	MTH ACT	62.70	3.01	2.78	13.60	15.80	62.31	2.94	2.76				MTH ACT					
CUM	2018-19	62.70	3.01	2.78	13.60	15.80	62.31	2.94	2.76			CUM	2018-19					
CUM	2017-18	62.45	2.95	2.53	15.25	18.89	62.13	3.08	2.56	8.23	28.85	CUM	2017-18					

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50.00	2.25	3.50	5.00	5.00
	MTH ACT												MTH ACT	49.60	2.00	3.40		
CUM	2018-19											CUM	2018-19	49.60	2.00	3.40		
CUM	2017-18											CUM	2017-18	49.10	2.77	3.56		

KAL	NORM	63.00	2.10	2.30	0.00	10.00	63.00	2.40	2.50	5.00	40.00	KTR	NORM	50.00	2.25	3.50	5.00	5.00
	MTH ACT	63.68	2.38	1.94	8.50	15.30	63.16	2.03	1.69	5.00	33.50		MTH ACT	49.60	2.00	3.40		
CUM	2018-19	63.68	2.38	1.94	8.50	15.30	63.16	2.03	1.69	5.00	33.50	CUM	2018-19	49.60	2.00	3.40		
CUM	2017-18	63.36	2.08	2.07	9.81	16.57	63.00	2.26	2.14	7.35	28.90	CUM	2017-18	49.10	2.77	3.56		
MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00	KTR	NORM	50.00	2.25	3.50	5.00	5.00
	MTH ACT	63.74	2.25	1.79	17.00	13.00							MTH ACT	49.60	2.00	3.40		
CUM	2018-19	63.74	2.25	1.79	17.00	13.00						CUM	2018-19	49.60	2.00	3.40		
CUM	2017-18	63.44	2.07	2.14	16.32	17.40	62.54	2.53	2.58	5.66	30.75	CUM	2017-18	49.10	2.77	3.56		
TAL	NORM	63.00	2.40	2.40	0.00	10.00	62.00	3.00	3.00	10.00	40.00	KTR	NORM	50.00	2.25	3.50	5.00	5.00
	MTH ACT	63.88	2.26	1.90	9.20	17.20							MTH ACT	49.60	2.00	3.40		
CUM	2018-19	63.88	2.26	1.90	9.20	17.20						CUM	2018-19	49.60	2.00	3.40		
CUM	2017-18	63.44	2.12	2.05	10.23	16.33						CUM	2017-18	49.10	2.77	3.56		

**QUALITY ANALYSED AT PLANT**

APR 2018

**बर्नपूर इस्पात संयंत्र**

लौह अयस्क लम्प						लौह अयस्क फाइन्स						FLUX					
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MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BNP	NORM	43	5	6.5	15	10
	MTH ACT						62.70	2.24	3.35	13.13	41.97		MTH ACT					
CUM	2018-19						62.70	2.24	3.35	13.13	41.97	CUM	2018-19					
CUM	2017-18	63.51	3.36	2.02	23.17	1.00	62.59	2.62	3.35	9.30	42.42	CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30	18	5	5	10
	MTH ACT						61.51	4.06	3.29	7.42	42.42		MTH ACT					
CUM	2018-19						61.51	4.06	3.29	7.42	42.42	CUM	2018-19					
CUM	2017-18	61.13	1.87	4.21	19.60		62.01	3.55	3.53	7.77	38.51	CUM	2017-18					

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.41	2.05	1.76	23.77	0.92	62.65	2.92	2.97	6.30	50.82		MTH ACT					
CUM	2018-19	63.41	2.05	1.76	23.77	0.92	62.65	2.92	2.97	6.30	50.82	CUM	2018-19					
CUM	2017-18	62.82	2.93	2.43	22.20	2.50	62.95	2.83	2.75	3.39	50.66	CUM	2017-18					

BOL	NORM	62.70	2.70	2.40	5.00	10.00	62.50	2.90	2.80	5.00	35.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.42	2.23	2.06	20.55	0.75	62.21	3.14	3.14	7.40	45.93		MTH ACT					
CUM	2018-19	63.42	2.23	2.06	20.55	0.75	62.21	3.14	3.14	7.40	45.93	CUM	2018-19					
CUM	2017-18	62.64	2.81	3.01	17.15	5.55	62.37	2.93	3.14	9.05	42.61	CUM	2017-18					

MPR	NORM	63.00	2.00	2.20	0.00	10.00	63.00	2.40	2.60	5.00	40.00	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	63.84	2.70	2.04	21.63	4.03							MTH ACT					
CUM	2018-19	63.84	2.70	2.04	21.63	4.03						CUM	2018-19					
CUM	2017-18	62.41	2.41	3.68	23.83	4.96	61.01	3.09	4.95	3.76	43.00	CUM	2017-18					

**QUALITY ANALYSED AT PLANT**

APR 2018

भिलाई इस्पात संयंत्र

लौह अयस्क लम्प						लौह अयस्क फाईन्स						FLUX					
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MINES		Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	OS%	US%	MINES		CaO%	MgO%	SiO <sub>2</sub> %	OS%	US%
KRB	NORM	62.70	2.80	2.50	0.00	10.00	62.50	3.20	2.60	5.00	30.00	BNP	NORM	43.0	5.00	6.5	15.0	10.0
	MTH ACT						63.05	3.21	2.61	14.90	33.60		MTH ACT					
CUM	2018-19						63.05	3.21	2.61	14.90	33.60	CUM	2018-19					
CUM	2017-18											CUM	2017-18					

MBR	NORM	62.50	3.00	2.50	5.00	10.00	62.00	3.90	2.60	5.00	35.00	TDM	NORM	30.0	18.0	5.0	5.0	10.0
	MTH ACT												MTH ACT					
CUM	2018-19											CUM	2018-19					
CUM	2017-18											CUM	2017-18					

GUA	NORM	62.50	3.00	2.20	5.00	10.00	62.50	2.90	2.80	5.00	45.00	KTR	NORM	50.0	2.25	3.50	5.0	5.0
	MTH ACT												MTH ACT	50.02	2.09	3.95	6.95	19.72
CUM	2018-19											CUM	2018-19	50.02	2.09	3.95	6.95	19.72
CUM	2017-18											CUM	2017-18	50.46	1.89	3.64	7.16	18.33

गृणवत्ता :: बोकारो इस्पात संयंत्र

किरीबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>63.10</b>	<b>2.91</b>	<b>1.78</b>	<b>13.55</b>	<b>20.35</b>	<b>4.69</b>	<b>0.61</b>	<b>430772</b>
APP 18-19	<b>62.70</b>	<b>2.80</b>	<b>2.50</b>	<b>5.00</b>	<b>10.00</b>	<b>5.30</b>	<b>0.89</b>	<b>750000</b>
Apr-18	62.65	3.36	1.99	13.76	20.66	5.35	0.59	<b>22635</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>62.65</b>	<b>3.36</b>	<b>1.99</b>	<b>13.76</b>	<b>20.66</b>	<b>5.35</b>	<b>0.59</b>	<b>22635</b>

मेघाहातुबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.88</b>	<b>3.04</b>	<b>1.93</b>	<b>14.90</b>	<b>21.66</b>	<b>4.97</b>	<b>0.63</b>	<b>618605</b>
APP 18-19	<b>62.50</b>	<b>3.00</b>	<b>2.50</b>	<b>5.00</b>	<b>10.00</b>	<b>5.50</b>	<b>0.83</b>	<b>800000</b>
Apr-18	62.73	3.04	2.14	15.09	18.63	5.18	0.70	<b>66995</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>62.73</b>	<b>3.04</b>	<b>2.14</b>	<b>15.09</b>	<b>18.63</b>	<b>5.18</b>	<b>0.70</b>	<b>66995</b>

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किरीबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.29</b>	<b>3.38</b>	<b>2.47</b>	<b>9.89</b>	<b>29.91</b>	<b>5.85</b>	<b>0.73</b>	<b>979855</b>
APP 18-19	<b>62.50</b>	<b>3.20</b>	<b>2.60</b>	<b>5.00</b>	<b>30.00</b>	<b>5.80</b>	<b>0.81</b>	<b>950000</b>
Apr-18	62.16	3.30	2.69	9.75	29.15	5.99	0.82	<b>102103</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>62.16</b>	<b>3.30</b>	<b>2.69</b>	<b>9.75</b>	<b>29.15</b>	<b>5.99</b>	<b>0.82</b>	<b>102103</b>

मेघाहातुबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>61.92</b>	<b>3.83</b>	<b>2.53</b>	<b>5.49</b>	<b>35.27</b>	<b>6.36</b>	<b>0.66</b>	<b>1100792</b>
APP 18-19	<b>62.00</b>	<b>3.90</b>	<b>2.60</b>	<b>5.00</b>	<b>35.00</b>	<b>6.50</b>	<b>0.67</b>	<b>920000</b>
Apr-18	61.76	3.78	2.86	5.37	33.93	6.64	0.76	<b>84581</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>61.76</b>	<b>3.78</b>	<b>2.86</b>	<b>5.37</b>	<b>3.93</b>	<b>6.64</b>	<b>0.76</b>	<b>84581</b>

गृणवत्ता :: बोकारो इस्पात संयंत्र

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.98</b>	<b>2.78</b>	<b>1.98</b>	<b>16.54</b>	<b>21.21</b>	<b>4.76</b>	<b>0.71</b>	<b>590924</b>
APP 18-19	<b>62.70</b>	<b>2.70</b>	<b>2.40</b>	<b>5.00</b>	<b>10.00</b>	<b>5.10</b>	<b>0.89</b>	<b>400000</b>
Apr-18	62.33	2.83	2.80	22.21	15.97	5.63	0.99	<b>17573</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>62.33</b>	<b>2.83</b>	<b>2.80</b>	<b>22.21</b>	<b>15.97</b>	<b>5.63</b>	<b>0.99</b>	<b>17573</b>

गुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.73</b>	<b>3.02</b>	<b>2.02</b>	<b>10.95</b>	<b>25.04</b>	<b>5.04</b>	<b>0.67</b>	<b>187312</b>
APP 18-19	<b>62.50</b>	<b>3.00</b>	<b>2.20</b>		<b>10.00</b>	<b>5.20</b>	<b>0.73</b>	<b>100000</b>
Apr-18	62.52	3.41	1.98	22.30	16.13	5.39	0.58	<b>1660</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>62.52</b>	<b>3.41</b>	<b>1.98</b>	<b>22.30</b>	<b>16.13</b>	<b>5.39</b>	<b>0.58</b>	<b>1660</b>

गृणवत्ता :: बोकारो इस्पात संयंत्र

बोलानी

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.19</b>	<b>3.30</b>	<b>2.60</b>	<b>5.68</b>	<b>34.46</b>	<b>5.90</b>	<b>0.79</b>	<b>927759</b>
APP 18-19	<b>62.50</b>	<b>2.90</b>	<b>2.80</b>	<b>5.00</b>	<b>35.00</b>	<b>5.70</b>	<b>0.97</b>	<b>1500000</b>
Apr-18	61.93	3.43	2.90	4.89	33.62	6.33	0.85	<b>47506</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>61.93</b>	<b>3.43</b>	<b>2.90</b>	<b>4.89</b>	<b>33.62</b>	<b>6.33</b>	<b>0.85</b>	<b>47506</b>

गुआ

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.62</b>	<b>3.15</b>	<b>2.01</b>	<b>2.62</b>	<b>40.59</b>	<b>5.16</b>	<b>0.64</b>	<b>547133</b>
APP 18-19	<b>62.50</b>	<b>2.90</b>	<b>2.80</b>	<b>5.00</b>	<b>45.00</b>	<b>5.70</b>	<b>0.97</b>	
Apr-18	63.18	2.57	2.09	3.67	40.33			<b>8684</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>63.18</b>	<b>2.57</b>	<b>2.09</b>	<b>3.67</b>	<b>40.33</b>			<b>8684</b>

गृणवत्ता :: दर्गापुर इस्पात संयंत्र

बोलानी

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.70</b>	<b>2.27</b>	<b>1.95</b>	<b>15.32</b>	<b>15.19</b>	<b>4.22</b>	<b>0.86</b>	<b>865420</b>
APP 18-19	<b>62.70</b>	<b>2.70</b>	<b>2.40</b>	<b>5.00</b>	<b>10.00</b>	<b>5.10</b>	<b>0.89</b>	<b>1200000</b>
Apr-18	63.30	1.81	1.93	24.43	14.42	3.74	1.07	<b>71959</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>63.30</b>	<b>1.81</b>	<b>1.93</b>	<b>24.43</b>	<b>14.42</b>	<b>3.74</b>	<b>1.07</b>	<b>71959</b>

गुआ

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.72</b>	<b>2.94</b>	<b>1.59</b>	<b>10.62</b>	<b>16.98</b>	<b>4.53</b>	<b>0.54</b>	<b>449086</b>
APP 18-19	<b>62.50</b>	<b>3.00</b>	<b>2.20</b>		<b>10.00</b>	<b>5.20</b>	<b>0.73</b>	<b>550000</b>
Apr-18	62.83	2.63	1.70	27.93	11.32	4.33	0.65	<b>38916</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>62.83</b>	<b>2.63</b>	<b>1.70</b>	<b>27.93</b>	<b>11.32</b>	<b>4.33</b>	<b>0.65</b>	<b>38916</b>

गृणवत्ता :: दर्गापुर इस्पात संयंत्र

बोलानी

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>62.89</b>	<b>2.69</b>	<b>2.26</b>	<b>5.71</b>	<b>41.45</b>	<b>4.95</b>	<b>0.84</b>	<b>1354907</b>
APP 18-19	<b>62.50</b>	<b>2.90</b>	<b>2.80</b>	<b>5.00</b>	<b>35.00</b>	<b>5.70</b>	<b>0.97</b>	<b>1600000</b>
Apr-18	63.06	2.41	2.41	6.27	42.42	4.82	1.00	<b>134355</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>63.06</b>	<b>2.41</b>	<b>2.41</b>	<b>6.27</b>	<b>42.42</b>	<b>4.82</b>	<b>1.00</b>	<b>134355</b>

गुआ

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	<b>63.95</b>	<b>2.47</b>	<b>1.58</b>	<b>2.43</b>	<b>51.83</b>	<b>4.05</b>	<b>0.64</b>	<b>1014985</b>
APP 18-19	<b>62.50</b>	<b>2.90</b>	<b>2.80</b>	<b>5.00</b>	<b>45.00</b>	<b>5.70</b>	<b>0.97</b>	<b>920000</b>
Apr-18	63.01	2.75	2.17	2.34	49.07	4.92	0.79	<b>99970</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>63.01</b>	<b>2.75</b>	<b>2.17</b>	<b>2.34</b>	<b>49.07</b>	<b>4.92</b>	<b>0.79</b>	<b>99970</b>

ग्रन्णवत्ता :: राउरकेला इस्पात संयंत्र

किरीबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.53	3.04	2.66	14.17	21.64	5.70	0.88	769889
APP 18-19	62.70	2.80	2.50	5.00	10.00	5.30	0.89	350000
Apr-18	62.87	2.99	2.60	17.10	15.70	5.59	0.87	61666
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.87	2.99	2.60	17.10	15.70	5.59	0.87	61666

मेघाहातुबुरु

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.45	2.95	2.53	15.25	18.89	5.48	0.86	522785
APP 18-19	62.50	3.00	2.50	5.00	10.00	5.50	0.83	350000
Apr-18	62.70	3.01	2.78	13.60	15.80	5.79	0.92	54543
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.70	3.01	2.78	13.60	15.80	5.79	0.92	54543

ग्रन्णवत्ता :: राउरकेला इस्पात संयंत्र

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फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.19	3.08	2.51	8.00	34.25	5.59	0.81	1704562
APP 18-19	62.50	3.20	2.60	5.00	30.00	5.80	0.81	1330000
Apr-18	62.31	2.97	2.71			5.68	0.91	112166
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.31	2.97	2.71			5.68	0.91	112166

मेघाहातुबुरु

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.13	3.08	2.56	8.23	28.85	5.64	0.83	1237388
APP 18-19	62.00	3.90	2.60	5.00	35.00	6.50	0.67	700000
Apr-18	62.31	2.94	2.76			5.70	0.94	94838
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.31	2.94	2.76			5.70	0.94	94838

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	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.36	2.08	2.07	9.81	16.57	4.15	1.00	490459
APP 18-19	<b>63.00</b>	<b>2.10</b>	<b>2.30</b>	<b>5.00</b>	<b>10.00</b>	<b>4.40</b>	<b>1.10</b>	800000
Apr-18	63.68	2.38	1.94	8.50	15.30	4.32	0.82	<b>17825</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>63.68</b>	<b>2.38</b>	<b>1.94</b>	<b>8.50</b>	<b>15.30</b>	<b>4.32</b>	<b>0.82</b>	<b>17825</b>

मनोहरपूर

लम्प

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.44	2.07	2.14	16.32	17.40	4.21	1.03	18583
APP 18-19	<b>63.00</b>	<b>2.00</b>	<b>2.20</b>		<b>10.00</b>	<b>4.20</b>	<b>1.10</b>	
Apr-18	63.74	2.25	1.79	17.00	13.00	4.04	0.80	<b>7110</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>63.74</b>	<b>2.25</b>	<b>1.79</b>	<b>17.00</b>	<b>13.00</b>	<b>4.04</b>	<b>0.80</b>	<b>7110</b>

गृणवत्ता :: राउरकेला इस्पात संयंत्र

काल्टा

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	63.00	2.26	2.14	7.35	28.90	4.40	0.95	531521
APP 18-19	<b>63.00</b>	<b>2.40</b>	<b>2.50</b>	<b>5.00</b>	<b>40.00</b>	<b>4.90</b>	<b>1.04</b>	1200000
Apr-18	63.16	2.03	1.69	5.00	33.50	3.72	0.83	<b>93661</b>
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	<b>63.16</b>	<b>2.03</b>	<b>1.69</b>	<b>5.00</b>	<b>33.50</b>	<b>3.72</b>	<b>0.83</b>	<b>93661</b>

मनोहरपूर

फाईन्स

	Fe	SiO2	Al2O3	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.54	2.53	2.58	5.66	30.75	5.11	1.02	39141
APP 18-19	<b>63.00</b>	<b>2.40</b>	<b>2.60</b>	<b>5.00</b>	<b>40.00</b>	<b>5.00</b>	<b>1.08</b>	50000
Apr-18								
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML								

ग्रनावल्ता :: बर्नपूर इस्पात संयंत्र

बोलानी

लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.64	2.81	3.01	17.15	5.55	5.82	1.07	500180
APP 18-19	62.70	2.70	2.40	5.00	10.00	5.10	0.89	650000
Apr-18	63.42	2.23	2.06	20.55	0.75	4.29	0.92	36226
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.42	2.23	2.06	20.55	0.75	4.29	0.92	36226

गुआ

लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.82	2.93	2.43	22.20	2.50	5.36	0.83	165071
APP 18-19	62.50	3.00	2.20		10.00	5.20	0.73	350000
Apr-18	63.41	2.05	1.76	23.77	0.92	3.81	0.86	66862
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.41	2.05	1.76	23.77	0.92	3.81	0.86	66862

मनोहरपूर

लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	62.41	2.41	3.68	23.83	4.96	6.09	1.53	43027
APP 18-19	63.00	2.00	2.20		10.00	4.20	1.10	
Apr-17	63.84	2.70	2.04	21.63	4.03	4.74	0.76	4012
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	63.84	2.70	2.04	21.63	4.03	4.74	0.76	4012

ग्रनावल्ता :: बर्नपूर इस्पात संयंत्र

बोलानी

फाईन्स

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.37	2.93	3.14	9.05	42.61	6.07	1.07	1175040
APP 18-19	62.50	2.90	2.80	5.00	35.00	5.70	0.97	850000
Apr-18	62.21	3.14	3.14	7.40	45.93	6.28	1.00	123578
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.21	3.14	3.14	7.40	45.93	6.28	1.00	123578

गुआ

फाईन्स

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.95	2.83	2.75	3.39	50.66	5.58	0.97	1153357
APP 18-19	62.50	2.90	2.80	5.00	45.00	5.70	0.97	1800000
Apr-18	62.65	2.92	2.97	6.30	50.82	5.89	1.02	117346
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.65	2.92	2.97	6.30	50.82	5.89	1.02	117346

मेघाहातुबुर

फाईन्स

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 16-17	61.13	1.87	4.21	19.60		6.08	2.25	3271
APP 18-19	62.50	3.00	2.50	5.00	10.00	5.50	0.83	
Apr-17	61.51	4.06	3.29	7.42	42.42	7.35	0.81	10476
May-17								
Jun-17								
Jul-17								
Aug-17								
Sep-17								
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.51	4.06	3.29	7.42	42.42	7.35	0.81	10476

## BLEND

गृणवत्ता :: बोकारो  
लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	AI+Si	AI/Si	RECPT
Act 17-18	63.19	2.73	1.86	13.54	19.96	4.58	0.68	2226628
APP 18-19	62.67	2.71	2.44	2.78	10.00	5.15	0.90	2700000
Apr-18	63.09	2.75	2.20	11.93	16.11	4.95	0.80	178066
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.09	2.75	2.20	11.93	16.11	4.95	0.80	178066

## गृणवत्ता:: दृगपुर

## BLEND

## लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	AI+Si	AI/Si	RECPT
Act 17-18	62.74	2.51	1.82	14.21	15.62	4.33	0.72	1358966
APP 18-19	62.64	2.79	2.34	5.00	10.00	5.13	0.84	1750000
Apr-18	63.14	2.10	1.85	25.66	13.33	3.95	0.88	110875
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.14	2.10	1.85	25.66	13.33	3.95	0.88	110875

## BLEND

गृणवत्ता :: बोकारो  
फाईबस

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	AI+Si	AI/Si	RECPT
Act 17-18	62.33	3.35	2.41	6.13	33.98	5.76	0.72	3910390
APP 18-19	62.38	3.15	2.72	5.45	31.74	5.87	0.86	4200000
Apr-18	62.10	3.38	2.79	6.73	31.85	6.17	0.82	270674
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.10	3.38	2.79	6.73	22.48	6.17	0.82	270674

## गृणवत्ता:: दृगपुर

## BLEND

## फाईबस

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	AI+Si	AI/Si	RECPT
Act 17-18	63.34	2.62	1.97	4.27	46.20	4.59	0.75	2405030
APP 18-19	62.50	2.90	2.80	5.00	33.65	5.70	0.97	2520000
Apr-18	62.99	2.55	2.33	4.62	44.88	4.88	0.91	247845
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.99	2.55	2.33	4.62	44.88	4.88	0.91	247845

## BLEND

गुणवत्ता :: राउरकेला  
लम्प

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.85	2.65	2.40	12.86	18.96	5.04	0.90	2119274
APP 18-19	62.78	2.51	2.44	1.73	10.00	4.95	0.97	2400000
Apr-18	63.13	2.76	2.42	13.59	15.87	5.18	0.88	175284
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.13	2.76	2.42	13.59	15.87	5.18	0.88	175284

गुणवत्ता :: बर्नपुर इस्पात संयंत्र  
लम्प

## BLEND

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.64	2.79	2.97	18.42	4.74	5.76	1.07	770640
APP 18-19	62.67	2.75	2.35	3.85	10.00	5.10	0.85	1300000
Apr-18	63.43	2.14	1.87	22.60	0.98	4.01	0.88	107100
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	63.43	2.14	1.87	22.60	0.98	4.01	0.88	107100

## BLEND

गुणवत्ता :: राउरकेला  
फाईब्स

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.30	2.95	2.47			5.42	0.84	3512612
APP 18-19	62.47	3.00	2.68	5.12	33.33	5.68	0.89	4050000
Apr-18	62.57	2.67	2.41			5.08	0.90	300665
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.57	2.67	2.41			5.08	0.90	300665

## BLEND

गुणवत्ता :: बर्नपुर इस्पात संयंत्र  
फाईब्स

	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	OS	US	Al+Si	Al/Si	RECPT
Act 17-18	62.59	3.13	3.39	6.41	45.97	6.52	1.08	2530484
APP 18-19	62.42	3.06	2.77	5.00	35.71	5.83	0.91	3150000
Apr-18	62.39	3.05	3.07	7.04	47.91	6.13	1.01	257880
May-18								
Jun-18								
Jul-18								
Aug-18								
Sep-18								
Oct-18								
Nov-18								
Dec-18								
Jan-19								
Feb-19								
Mar-19								
CUMML	62.39	3.05	3.07	7.04	47.91	6.13	1.01	257880

ग्रनॅवत्ता :: बोकारो इस्पात संयंत्र

भवनाथपुर

BF LST

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

ग्रनॅवत्ता :: बोकारो

त्रिलोमीटामर

BF DOLOMITE

	CaO	MgO	SiO <sub>2</sub>	OS	US
Act 17-18	29.75	18.89	5.47	5.92	9.88
APP 18-19	30.00	18.00	5.00	5.00	10.00
Apr-18	30.21	19.92	4.98	3.75	9.00
May-18					
Jun-18					
Jul-18					
Aug-18					
Sep-18					
Oct-18					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	30.21	19.92	4.98	3.75	9.00

ग्रनॅवत्ता :: बोकारो इस्पात संयं

कुटेश्वर

BF LST

	CaO	MgO	SiO <sub>2</sub>	OS	US
Act 17-18	45.56	2.57	3.33	4	26.14
APP 18-19	50.00	2.25	3.50	5.00	5.00
Apr-18	42.91	2.30	3.68	2.76	22.73
May-18					
Jun-18					
Jul-18					
Aug-18					
Sep-18					
Oct-18					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	42.91	2.30	3.68	2.76	22.73

ग्रनॅवत्ता :: भिलाई

कुटेश्वर

BF LST

	CaO	MgO	SiO <sub>2</sub>	OS	US
Act 17-18	50.40	1.89	3.64	7.16	18.33
APP 18-19	50.00	2.25	3.50	5.00	5.00
Apr-18	50.02	2.09	3.95	6.95	19.72
May-18					
Jun-18					
Jul-18					
Aug-18					
Sep-18					
Oct-18					
Nov-18					
Dec-18					
Jan-19					
Feb-19					
Mar-19					
CUMML	50.02	2.09	3.95	6.95	19.72

PROJ. NO.	CUMM. UTILIS UPTO Apr'18	MAKE / TYPE	CAP	DATE OF COMMISSION	APRIL 2018											2018-19												
					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		
<b>EXCAVATORS</b>																												
BE-16	33713	BEML,BE-1000	4.5CU.M	24-Jun-05	600	600																						
TH-17	23146	TELCON,EX-1200	5.9 CU.M	16-Apr-07	600	600																						
BE-18	22660	BEML,BE-1000	4.5CU.M	31-Jul-08	600	600																						
					<b>SUB TOTAL</b>	<b>1800</b>	<b>1800</b>																					
EX-19	20319	KOMATSU PC2000-8	9.5 CU.M	14-Nov-11																								
EX-20	23284	KOMATSU PC2000-8	9.5 CU.M	17-Feb-12	600	40	342	560	218	93.33	38.93	36.33	1280	5.87	74.77	600	40	342	560	218	93.3	38.9	36.3	1280	5.87	74.77		
EX-22	10913	KOMATSU PC2000-8	9.5 CU.M	11-Aug-15	600		300	600	300	100.00	50.00	50.00	1458	4.86	86.33	600		300	600	300	100.0	50.0	50.0	1458	4.86	86.33		
EX-23	6586	KOMATSU PC2000-8	9.5 CU.M	28-Sep-15	600	24	216	576	360	96.00	62.50	60.00	1757	4.88	40.42	600	24	216	576	360	96.0	62.5	60.0	1757	4.88	40.42		
*EX-19 shifted to MIOM during July 16					<b>SUB TOTAL</b>	<b>1800</b>	<b>64</b>	<b>858</b>	<b>1736</b>	<b>878</b>	<b>96.44</b>	<b>50.58</b>	<b>48.78</b>	<b>4495</b>	<b>5.12</b>	<b>64.64</b>	<b>1800</b>	<b>64</b>	<b>858</b>	<b>1736</b>	<b>878</b>	<b>96.4</b>	<b>50.6</b>	<b>48.8</b>	<b>4495</b>	<b>5.12</b>	<b>64.64</b>	
					<b>TOTAL</b>	<b>3600</b>	<b>1864</b>	<b>858</b>	<b>1736</b>	<b>878</b>	<b>48.22</b>	<b>50.58</b>	<b>24.39</b>	<b>4495</b>	<b>5.12</b>	<b>64.64</b>	<b>3600</b>	<b>1864</b>	<b>858</b>	<b>1736</b>	<b>878</b>	<b>48.2</b>	<b>50.6</b>	<b>24.4</b>	<b>4495</b>	<b>5.12</b>	<b>64.64</b>	
<b>DUMPERS</b>																												
DUMPER, 85 TE DUM-87	13945	BEML,BH-85	85Te	30-Mar-08	600	600																						
					<b>TOTAL</b>	<b>600</b>	<b>600</b>																					
DUM 88	29200	KOMATSU HD785-7	100 Te	23-Jul-10	600	600																						
DUM 89	32466	KOMATSU HD785-7	100Te	23-Jul-10	600	118	169	482	313	80.33	64.94	52.17	1039	3.32	27.96	600	118	169	482	313	80.3	64.9	52.2	1039	3.32	27.96		
DUM-91	18660	CAT 777D	100T	2-Feb-12	600	44	383	556	173	92.67	31.12	28.83	598	3.46	41.04	600	44	383	556	173	92.7	31.1	28.8	598	3.46	41.04		
DUM-92	21552	CAT 777D	100T	2-Feb-12	600	102	238	498	260	83.00	52.21	43.33	810	3.12	32.50	600	102	238	498	260	83.0	52.2	43.3	810	3.12	32.50		
DUM-93	6716	BEML BH-100	100T	2-May-15	600	135	319	465	146	77.50	31.40	24.33	576	3.95	29.11	600	135	319	465	146	77.5	31.4	24.3	576	3.95	29.11		
DUM-94	4573	BEML BH-100	100T	2-May-15	600	47	393	553	160	92.17	28.93	26.67	555	3.47	59.06	600	47	393	553	160	92.2	28.9	26.7	555	3.47	59.06		
DUM-95	4131	BEML BH-100S	100T	May 2016	600		429	600	171	100.00	28.50	28.50	895	5.23	40.70	600		429	600	171	100.0	28.5	28.5	895	5.23	40.70		
					<b>TOTAL</b>	<b>4200</b>	<b>1046</b>	<b>1931</b>	<b>3154</b>	<b>1223</b>	<b>75.10</b>	<b>38.78</b>	<b>29.12</b>	<b>4473</b>	<b>3.66</b>	<b>42.77</b>	<b>4200</b>	<b>1046</b>	<b>1931</b>	<b>3154</b>	<b>1223</b>	<b>75.1</b>	<b>38.8</b>	<b>29.1</b>	<b>4473</b>	<b>3.66</b>	<b>42.77</b>	
<b>DRILL</b>																												
DM-17	21935	IR-ROTACOL-IDM-30	160mm	24-Mar-05	480	466	8	14	6	2.92	42.86	1.25	60	10.00	733.33	480	466	8	14	6	2.9	42.9	1.3	60	10.00	733.33		
DM-18	24532	AC-ROTACOL-IDM-30	160mm	19-May-08	480	72	141	408	267	85.00	65.44	55.63	4313	16.15	19.10	480	72	141	408	267	85.0	65.4	55.6	4313	16.15	19.10		
DM-19	18768	AC-ROTACOL-IDM-30	160mm	14-Oct-09	480	480																						
DM-20	6700	AC-ROTACOL-IDM-30	160mm	Oct '14	480	54	181	426	245	88.75	57.51	51.04	2655	10.84	25.71	480	54	181	426	245	88.8	57.5	51.0	2655	10.84	25.71		
					<b>TOTAL</b>	<b>1920</b>	<b>1072</b>	<b>330</b>	<b>848</b>	<b>518</b>	<b>44.17</b>	<b>61.08</b>	<b>26.98</b>	<b>7028</b>	<b>13.57</b>	<b>30.50</b>	<b>1920</b>	<b>1072</b>	<b>330</b>	<b>848</b>	<b>518</b>	<b>44.2</b>	<b>61.1</b>	<b>27.0</b>	<b>7028</b>	<b>13.57</b>	<b>30.50</b>	
<b>DOZER</b>																												
DOZ-27	31534	BEML, D-355	410HP	15-May-01	480	480																						
DOZ-28	24106	BEML, D-355	410HP	14-May-04	480	332	122	148	26	30.83	17.57	5.42																
DOZ-29	18367	BEML, D-355	410HP	11-Jun-04	480	480																						
DOZ-30	18848	BEML, D-355	410HP	8-Jul-07	480	142	212	338	126	70.42	37.28	26.25																
DOZ-31	16779	BEML, D-355	410 HP	19-Feb-09	480	351	85	129	44	26.88	34.11	9.17																
DOZ-32	4655	BEML, D-355	410 HP	17-Apr-15	480	204	149	276	127	57.50	46.01	26.46																
DOZ-33		BEML, D-356	410HP	22-Sep-17	480	18	220	462	242	96.25	52.38	50.42																
					<b>TOTAL</b>	<b>2880</b>	<b>1989</b>	<b>568</b>	<b>891</b>	<b>323</b>	<b>30.94</b>	<b>36.25</b>	<b>11.22</b>															
<b>PAY LOADER</b>																												
FEL-4	8080	KOMATSU WA-470-3	2.9 CU.M	16-Jan-09	240	8	151	232	81	96.67	34.91	33.75																
MG-6	14317	BEML, GD-605R2	145 HP	9-Oct-87																								
MG-7	6660	BEML, BG 825	280HP	10-Jul-91	240	240																						
MG-8	3413	BEML, BG825	280HP	19-May-12	240	101	113	139	26	57.92	18.71	10.83																
					<b>TOTAL</b>	<b>480</b>	<b>341</b>	<b>113</b>	<b>139</b>	<b>26</b>	<b>28.96</b>	<b>18.71</b>	<b>5.42</b>															
DUM-79(WT79)		BEML,210M	50Te	25-Aug-03																								
WT-83	21900	BEML, WS-28-2	28KL	21-Mar-05	600	244	280	356	76	59.33	21.35	12.67																
WT-90	10659	BEML, WS-28-2	28KL	Mar '11	600	160	288	440	152	73.33	34.55	25.33																
					<b>TOTAL</b>	<b>1200</b>	<b>404</b>	<b>568</b>	<b>796</b>	<b>228</b>	<b>66.33</b>	<b>28.64</b>	<b>19.00</b>															

## MEGHAHATUBURU IRON ORE MINES

## PERFORMANCE REPORT OF HEMM

PROJ. NO.	CUMM. UTILIS. UPTO Apr'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	APRIL 2018											2018-2019												
					SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	NET UT%	OPRN UT %	TRIP / MT.	FEED RATE	HSD/HR	SCH. HRS.	DOWN HRS.	IDLE HRS.	AVL. HRS.	UTL. HRS.	AV%	UT% net	Oprn UT %	TRIP	HSD/HR			
<b>EXCAVATORS</b>																												
4.5 CUM.																												
BE-11	36116	BEML	4.5 CUM	30-09-2005	720.00	480.00	214.00	240.00	26.00	33.33	3.61	10.83	100	4	23.08	720	480	214	240	26	33.33	3.61	10.83	100.00	23.08			
			4.5 CUM	TOTAL	720.00	480.00	214.00	240.00	26.00	33.33	3.61	10.83	100	4	23.08	720	480	214	240	26	33.33	3.61	10.83	100	23.08			
9.5 CUM.																												
PC-14	28361	KOMATSU	9.5 CUM	20-01-2012	720.00	283.00	189.00	437.00	248.00	60.69	34.44	56.75	2886	12	73.47	720	283	189	437	248	60.69	34.44	56.75	2886.00	73.47			
PC-17	12474	KOMATSU	9.5 CUM	24-07-2015	720.00	116.00	196.00	604.00	408.00	83.89	56.67	67.55	4746	12	75.37	720	116	196	604	408	83.89	56.67	67.55	4746.00	75.37			
PC-18	25940	KOMATSU	9.5 CUM	11-07-2016	720.00	226.00	174.00	494.00	320.00	68.61	44.44	64.78	3520	11	76.56	720	226	174	494	320	68.61	44.44	64.78	3520.00	76.56			
			9.5 CUM	TOTAL	2160.00	625.00	385.00	1535.00	976.00	71.06	45.19	63.58	11152	11	75.28	2160	625	559	1535	976	71.06	45.19	63.58	11152.00	75.28			
<b>DUMPER,50 TE</b>																												
D - 49	27638	BEML	50 TON	05-03-2007	720.00	495.00	190.00	225.00	35.00	31.25	4.86	15.56	14	0	21.43	720	495	190	225	35	31.25	4.86	15.56	14	21.43			
D - 50	23957	BEML	50 TON	15-04-2007	720.00	716.00	2.00	4.00	2.00	0.56	0.28	50.00				720	716	2	4	2	0.56	0.28	50.00					
			50 TON	TOTAL	1440.00	1211.00	192.00	229.00	37.00	15.90	2.57	16.16	14	0	20.27	1440	1211	192	229	37	15.90	2.57	16.16	14	20.27			
<b>DUMPER,100 TE</b>																												
D - 51	26043	KOMATSU	100 TON	01-09-2010	720.00	113.00	185.00	607.00	422.00	84.31	58.61	69.52	1484	4	33.77	720	113	185	607	422	84.31	58.61	69.52	1484.00	33.77			
D - 52	27484	KOMATSU	100 TON	01-09-2010	720.00	170.00	171.00	550.00	379.00	76.39	52.64	68.91	1342	4	34.46	720	170	171	550	379	76.39	52.64	68.91	1342.00	34.46			
D - 53	26827	KOMATSU	100 TON	01-09-2010	720.00	681.00	17.00	39.00	22.00	5.42	3.06	56.41	80	4	38.64	720	681	17	39	22	5.42	3.06	56.41	80.00	38.64			
D - 54	14366	CATER	100 TON	06-02-2012	720.00	370.00	237.00	350.00	113.00	48.61	15.69	32.29	344	3	36.28	720	370	237	350	113	48.61	15.69	32.29	344.00	36.28			
D - 55	16384	CATER	100 TON	06-02-2012	720.00	227.00	330.00	493.00	163.00	68.47	22.64	33.06	459	3	34.60	720	227	330	493	163	68.47	22.64	33.06	459.00	34.60			
D - 56	4860	BEML	100 TON	09-05-2016	720.00	187.00	234.00	533.00	299.00	74.03	41.53	56.10	1078	4	36.45	720	187	234	533	299	74.03	41.53	56.10	1078.00	34.60			
D - 57		BEML	100 TON	09-05-2016	720.00	211.00	255.00	509.00	254.00	70.69	35.28	49.90	857	3	36.02	720	211	255	509	254	70.69	35.28	49.90	857.00	34.60			
			100 TON	TOTAL	5040.00	1959.00	1429.00	3081.00	1652.00	61.13	32.78	53.62	5644	3	35.08	5040	1959	1429	3081	1652	61.13	32.78	53.62	5644.00	35.08			
<b>DRILL</b>																												
DM - 7	23362	IR	6" DIA	01-04-2005	360.00	95.00	148.00	265.00	117.00	73.61	32.50	44.15	550	5	31.97	360	95	148	265	117	73.61	32.50	44.15	550	31.97			
DM - 8	19860	IR	6" DIA	05-05-2008	360.00	52.00	49.00	308.00	259.00	85.56	71.94	84.09	4250	16	33.78	360	52	49	308	259	85.56	71.94	84.09	4250	33.78			
DM - 9	18313	IR	6" DIA	16-09-2009	360.00	360.00				-	-	#DIV/0!			#DIV/0!		#DIV/0!		360	360		-	-	#DIV/0!		#DIV/0!		
DM - 10	9734	IR	6" DIA	06-11-2014	360.00	36.00	61.00	324.00	263.00	90.00	73.06	81.17	4280		20.84	360	36	61	324	263	90.00	73.06	81.17	4280	20.84			
	3		TOTAL		1440.00	543.00	258.00	897.00	639.00	62.29	44.38	71.24	9080	14	28.12	1440	543	258	897	639	62.29	44.38	71.24	9080	28.12			
<b>DOZER</b>																												
DOZ-21	13271	BEML	410 HP	04-11-05								#DIV/0!	#DIV/0!	#DIV/0!									#DIV/0!	#DIV/0!				
DOZ-22	21121	BEML	410 HP	01-01-2007								#DIV/0!	#DIV/0!	#DIV/0!									#DIV/0!	#DIV/0!	#DIV/0!			
DOZ-23	20320	BEML	410 HP	02-10-2008	720.00	225.00	193.00	495.00	302.00	68.75	41.94	61.01			22.35	720	225	193	495	302	68.75	41.94	61.01		22.35			
DOZ-24	16439	BEML	410 HP	06-04-2010	720.00	244.00	192.00	476.00	284.00	66.11	39.44	59.66			23.42	720	244	192	476	284	66.11	39.44	59.66		23.42			
DOZ-25	7545	BEML	410 HP	28-12-2010	720.00	716.00	2.00	4.00	2.00	0.56	0.28	50.00				720	716	2	4	2	0.56	0.28	50.00					
DOZ-26	15442	BEML	410 HP	16-05-2011	720.00	325.00	218.00	395.00	177.00	54.86	24.58	44.81			22.88	720	325	218	395	177	54.86	24.58	44.81		22.88			
DOZ-27	8609	BEML	410 HP	28-04-2015	720.00	462.00	129.00	258.00	129.00	35.83	17.92	50.00			24.42	720	462	129	258	129	35.83	17.92	50.00		24.42			
DOZ-28	211															23.93	720	148	361	572	211	79.44	29.31	36.89		23.93		
	6		TOTAL		4320.00	2120.00	1095.00	2200.00	1105.00	50.93	25.58	50.23			23.21	4320	2120	1095	2200	1105	50.93	25.58	50.23		23.21			
<b>PAY LOADER</b>																												
PL - 03	3985	HYUNDAI	3.7 CU.M	18-09-2012	720.00	720.00				-	-	#DIV/0!			#DIV/0!		#DIV/0!		720	720				-	-			
					TOTAL	720.00	720.00			-	-	#DIV/0!			#DIV/0!		#DIV/0!		720	720				-	-			
<b>BACK HOE</b>																												
BE-12A	20651	BEML	1.2 CUM	Nov'08	720.00	333.00	212.00	387.00	175.00	53.75	24.31	45.22				21.83	720	333	212	387	175	53.75	24.31	45.22		21.83		
HT-15	16188	TCECL	1.5 CUM	03-10-2012	720.00	304.00	287.00	416.00	129.00	57.78	17.92	31.01				23.64	720	304	287									

PROJ. NO.	CUMM. UTILIS. UPTO Apr '18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	APRIL 2018												2018-19											
					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		
<b>EXCAVATORS</b>																												
EX-25	33346	BEML PC-1000(D)	4.5 CuM	21-Jun-04	720	47	546	674	128	93.54	19.01	17.78		0.00	32.97	720	47	546	674	128	93.54	19.01	17.78	0	0.00	32.97		
EX-26	30309	BEML PC-1000(D)	4.5 CuM	24-Jun-05	720	307	307	413	106	57.34	25.68	14.72	0	0.00	54.61	720	307	307	413	106	57.34	25.68	14.72	0	0.00	54.61		
	0				<b>SUB TOTAL</b>	<b>1440</b>	<b>354</b>	<b>852</b>	<b>1086</b>	<b>234</b>	<b>75.44</b>	<b>21.54</b>	<b>16.25</b>	<b>0</b>	<b>0.00</b>	<b>42.77</b>	<b>1440</b>	<b>354</b>	<b>852</b>	<b>1086</b>	<b>234</b>	<b>75.44</b>	<b>21.54</b>	<b>16.25</b>	<b>0</b>	<b>0.00</b>	<b>42.77</b>	
EX-28	15084	BE-1600	7.5 Cu.m	22-Jun-10	720	542	142	178	36	24.72	20.22	5.00	0	0.00	30.56	720	542	142	178	36	24.72	20.22	5.00	0	0.00	30.56		
EX-29	23604	KOMATSU PC-2000-8	9.5 Cu.M	01-Nov-10	720	73	519	647	128	89.90	19.81	17.81	299	2.33	47.59	720	73	519	647	128	89.90	19.81	17.81	306	2.39	47.59		
EX-30	10835	KOMATSU PC-2000-8	9.5 Cu.M	03-Aug-15	720	37	370	683	313	94.86	45.83	43.47	1760	5.62	68.20	720	37	370	683	313	94.86	45.84	43.50	4097	13.08	68.17		
EX-31	9629	KOMATSU PC-2000-8	9.5 Cu.M	05-Sep-15	720	117	318	603	285	83.72	47.24	39.55	1435	5.04	70.37	720	117	318	603	285	83.72	47.24	39.55	2914	10.23	70.37		
					<b>SUB TOTAL</b>	<b>2880</b>	<b>769</b>	<b>1349</b>	<b>2111</b>	<b>762</b>	<b>73.30</b>	<b>36.10</b>	<b>26.46</b>	<b>3494</b>	<b>4.58</b>	<b>63.75</b>	<b>2880</b>	<b>769</b>	<b>1349</b>	<b>2111</b>	<b>762</b>	<b>73.30</b>	<b>36.10</b>	<b>26.46</b>	<b>7317</b>	<b>9.60</b>	<b>63.75</b>	
					<b>TOTAL</b>	<b>4320</b>	<b>1123</b>	<b>2201</b>	<b>3198</b>	<b>996</b>	<b>74.02</b>	<b>31.15</b>	<b>23.06</b>	<b>3494</b>	<b>3.51</b>	<b>58.82</b>	<b>4320</b>	<b>1123</b>	<b>2201</b>	<b>3198</b>	<b>996</b>	<b>74.02</b>	<b>31.15</b>	<b>23.06</b>	<b>7317</b>	<b>7.35</b>	<b>58.82</b>	
<b>DUMPER,50 TE</b>																												
HP-27	19563	BEML HP-210M	50 T	09-Sep-03	720	425	203	295.50	93.00	41.04	31.47	12.92	0	0.00	19.09	720	425	203	296	93	41.04	31.47	12.92	0	0.00	19.09		
HP-30	17315	C.I.773D(I)	50 T	01-Mar-06	720	268	393	452.00	59.00	62.78	13.05	8.19	0	0.00	14.27	720	268	393	452	59	62.78	13.05	8.19	0	0.00	14.27		
HP-32	23094	BEML BH-50M	50 T	06-Mar-08	720	248	374	472.00	98.50	65.56	20.87	13.68	0	0.00	17.53	720	248	374	472	99	65.56	20.87	13.68	0	0.00	17.53		
					<b>TOTAL</b>	<b>2160</b>	<b>941</b>	<b>969</b>	<b>1220</b>	<b>251</b>	<b>56.46</b>	<b>20.54</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>51</b>	<b>2160</b>	<b>941</b>	<b>969</b>	<b>1220</b>	<b>251</b>	<b>56.46</b>	<b>20.54</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>51</b>	
<b>DUMPER,100 TE</b>																												
HP-32A	26475	KOMATSU HD785-7	100 T	22-Jun-10	720	454	151	266.25	115.75	36.98	43.47	16.08	321	2.77	35.81	720	454	151	266	116	36.98	43.47	16.08	321	2.77	35.81		
HP-34	26004	KOMATSU HD785-7	100 T	22-Jun-10	720	360	204	360.00	156.08	50.00	43.36	21.68	417	2.67	37.60	720	360	204	360	156	50.00	43.36	21.68	417	2.67	37.60		
HP-35	15357	BEML BH-100	100 T	22-Jun-10	720	320	376	400.00	24.00	55.56	6.00	3.33	0	0.00	0.00	720	320	376	400	24	55.56	6.00	3.33	0	0.00	0.00		
HP-36	11452	BEML BH-100	100 T	22-Jun-10	720	152	461	568.00	107.00	78.89	18.84	14.86	292	2.73	42.77	720	152	461	568	107	78.89	18.84	14.86	292	2.73	42.77		
HP-37	17350	CAT 777D	100 T	25-Jan-12	720	153	321	567.00	245.58	78.75	43.31	34.11	736	3.00	33.35	720	153	321	567	246	78.75	43.31	34.11	736	3.00	33.35		
HP-38	6410	BEML BH-100S	100 T	03-May-16	720	172	380	547.75	167.75	76.08	30.63	23.30	411	2.45	30.97	720	172	380	548	168	76.08	30.63	23.30	411	2.45	30.97		
HP-39	5899	BEML BH-100S	100 T	03-May-16	720	172	385	548.50	163.08	76.18	29.73	22.65	472	2.89	27.78	720	172	385	549	163	76.18	29.73	22.65	472	2.89	27.78		
HP-40	5812	BEML BH-100S	100 T	03-May-16	720	30	393	690.25	297.50	95.87	43.10	41.32	845	2.84	35.81	720	30	393	690	298	95.87	43.10	41.32	845	2.84	35.81		
					<b>TOTAL</b>	<b>5760</b>	<b>1812</b>	<b>2671</b>	<b>3947.75</b>	<b>1276.74</b>	<b>68.54</b>	<b>32.34</b>	<b>22.17</b>	<b>3494</b>	<b>2.74</b>	<b>33.80</b>	<b>5760</b>	<b>1812</b>	<b>2671</b>	<b>3948</b>	<b>1277</b>	<b>68.54</b>	<b>32.34</b>	<b>22.17</b>	<b>3494</b>	<b>2.74</b>	<b>33.80</b>	
<b>DRILL</b>																												
DM-11	15521	AC-ROTACOL-IDM-30	160mm	14-Feb-08	480	72	240	408.50	169.00	85.10	41.37	35.21	1596	9.44	28.93	480	72	240	409	169	85.10	41.37	35.21	1596	9.44	28.93		
DM-12	16652	AC-ROTACOL-IDM-30	160mm	12-Aug-09	480	228	236	252.50	17.00	52.60	6.73	3.54	0	0.00	20.59	480	228	236	253	17	52.60	6.73	3.54	0	0.00	20.59		
DM-12A	14784	AC-ROTACOL-IDM-30	160mm	22-Mar-11	480	50	297	430.50	133.50	89.69	31.01	27.81	1103	8.26	36.85	480	50	297	431	134	89.69	31.01	27.81	1103	8.26	36.85		
DM-14	7385	AC-ROTACOL-IDM-30	160mm	19-Nov-14	480	143	204	337.25	133.50	70.26	39.58	27.81	863	6.46	33.75	480	143	204	337	134	70.26	39.58	27.81	863	6.46	33.75		
					<b>TOTAL</b>	<b>1920</b>	<b>491</b>	<b>976</b>	<b>1428.75</b>	<b>453.00</b>	<b>74.41</b>	<b>31.71</b>	<b>23.59</b>	<b>3562</b>	<b>7.86</b>	<b>32.38</b>	<b>1920</b>	<b>491</b>	<b>976</b>	<b>1429</b>	<b>453</b>	<b>74.41</b>	<b>31.71</b>	<b>23.59</b>	<b>3562</b>	<b>7.86</b>	<b>32.38</b>	
<b>DOZER</b>																												
DOZ-21	20045	BEML BD355	410 HP	10-May-04	488	488	0	0.00	0.00	0.00	0.00	0.00				488	488	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		
DOZ-22	14198	BEML BD355	410 HP	06-Jul-07	480	113	194	367.50	173.50	76.56	47.21	36.15				33.58	480	113	194	368	174	76.56	47.21	36.15			52.20	
DOZ-23	10587	BEML BD355	410 HP	27-Aug-08	480	83	236	397.00	161.00	82.71	40.55	33.54				39.39	480	83	236	397	161	82.71	40.55	33.54			39.39	
DOZ-24	11759	BEML BD355	410 HP	09-Mar-10	712	122	417	590.00	173.10	82.87	29.34	24.31				33.22	712	122	417	590	173	82.87	29.34	24.31			57.42	
DOZ-25	10361	BEML BD355	410 HP	09-Mar-10	496	308	93	187.75	94.50	37.85	50.33	19.05				34.12	496	308	93	188	95	37.85	50.33	19.05			34.12	
DOZ-26	7178	BEML BD355	410 HP	03-May-14	536	92	295	444.00	149.40	82.84	33.65	27.87				39.96	536	92	295	444	149	82.84	33.65	27.87			73.62	
DOZ-27	5777	BEML BD355	410 HP	03-May-14	496	456	16	40.00	24.00	8.06	60.00	4.84				0.00	496	456										

PROJ. NO.	CUMM. UTILIS. UPTO Apr '18	MAKE / TYPE	CAP	DATE OF COMMISSION	APRIL 2018												2018-19											
					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		
<b>EXCAVATORS</b>																												
EX-20	25021	BEML,BE-1000	4.5 CuM	Mar-04	192		186	192	6	100.0	3.13	3	18	3.00	116.67	192		186	192	6	100.00	3.13	3.13	18	3.00	116.67		
EX-21	17465	TELCON,1200V-1018	5.9 CuM	28-May-07	192		192	192		100.0						192		192	192		100.00							
EX-22	18490	BEML,BE-1000	4.5 CuM	22-Dec-08	384	67	224	317	93	82.6	29.34	24	522	5.61	47.85	384	67	224	317	93	82.55	29.34	24.22	522	5.61	47.85		
EX-23	15805	BEML, BE-1000	4.5CuM	18-Feb-10	384	384										384	384											
EX-24	10989	BEML, BE-1600	7.5CuM	04-Aug-11	192	1	186	192	6	99.7	2.87	3	25	4.55		192	1	186	192	6	99.74	2.87	2.86	25	4.55			
EX-27	93	BEML, BE-1000-1	4.5 CuM	19-Dec-17	184		184	184		100.0						184		184	184		100.00							
* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to GOM					TOTAL	1528	452	972	1077	105	70.5	9.71	6.84	565	5.41	55.02	1344	452	788	893	105	66.41	11.71	7.78	565	5.41	55.02	
<b>DUMPER,50 TE</b>																												
HPD-87	26303	BEML,210M	50T	Apr-2000	192		192	192		100.0						192		192	192		100.00							
HPD-90	16403	BEML,210M	50T	APR'05																								
BH-93 (WT)	23449	BEML,210M	50T	21-Feb-08	224	3	210	221	11	98.7	4.98	4.91				22.73	224	3	210	221	11	98.66	4.98	4.91			22.73	
BH-94	22191	BH-50 M	50T	22-Dec-08	192		192	192		100.0							192		192	192		100.00						
BH-95	29209	BH-50 M	50T	6-Feb-09	360	60	227	300	73	83.3	24.33	20.28				20.34	360	60	227	300	73	83.33	24.33	20.28			20.34	
BH-96	24896	BH-50 M	50T	20-Aug-09	192		192	192		100.0							192		192	192		100.00						
BH-99 (@ MIOM-13609)	8449	BH-50 M	50T	20-Feb-14	384	57	242	327	85	85.2	25.99	22.14				20.29	384	57	242	327	85	85.16	25.99	22.14			20.29	
* BH-95, 96 & 99 are being utilised at Taldih					TOTAL	1544	120	1255	1424	169	92.2	11.87	10.95				24.32	1544	120	1255	1424	169	92.23	11.87	10.95			24.32
<b>DUMPER,60 TE</b>																												
HPD-101	111	BEML,BH-60	60 T	16-Nov-17	192	1	179	191	12	99.5	6.28	6.25	22	1.83	37.50	192	1	179	191	12	99.48	6.28	6.25	22	1.83	37.50		
HPD-102	86	BEML,BH-60	60 T	23-Nov-17	192	1	179	191	12	99.5	6.28	6.25	21	1.75	25.00	192	1	179	191	12	99.48	6.28	6.25	21	1.75	25.00		
					TOTAL	384	2	358	382	24	99.5	6.28	6.25	43	1.79	31.25	384	2	358	382	24	99.48	6.28	6.25	43	1.79	31.25	
<b>DUMPER,100 TE</b>																												
BH-97	8593	BEML,BH-100	100 T	4-Aug-11	192		192	192		100.0							192		192	192		100.00						
BH-98	7919	BEML,BH-100	100 T	04-Aug-11	192		192	192		100.0							192		192	192		100.00						
					TOTAL	384		384	384		100.0						384		384	384		100.00						
<b>DRILL</b>																												
DM-7	23425	AC - IDM-30	160mm	29-Jan-98	192		192	192		100.0							192		192	192		100.00						
DM-9	9381	AC - IDM-30	160mm	30-Sep-09	192		192	192		100.0							192		192	192		100.00						
DM-10	4567	AC - IDM-30	160mm	15-Jan-15	384	1	380	383	3	99.7	0.78	0.78					384	1	380	383	3	99.74	0.78	0.78				
* DM-10 is being utilised at Taldih					TOTAL	768	1	764	767	3	99.9	0.39	0.39				768	1	764	767	3	99.87	0.39	0.39				
<b>DOZER</b>																												
TR-36 (B/V)	13921	BEML,D-155A	320 HP	23-Apr-05	576	14	562	562		97.6							576	14	562	562		97.57						
TR-37	13734	BEML,D-155A	320 HP	22-Jun-07	576	576											576	576										
TR-38	15148	BEML, D-355	410 HP	16-Feb-10	384	25	300	359	59	93.5	16.43	15.36				36.44	384	25	300	359	59	93.49	16.43	15.36			36.44	
TR-39	9707	BEML, D-355	410 HP	10-Apr-12	384	26	264	358	94	93.2	26.26	24.48				28.19	384	26	264	358	94	93.23	26.26	24.48			28.19	
TR-40	6699	BEML, D-355	410 HP	6-May-14	192	1	189	191	2	99.5	1.05	1.04				250.00	192	1	189	191	2	99.48	1.05	1.04			250.00	
* TR-38 is being utilised at Taldih					TOTAL	2112	642	1315	1470	155	69.6	10.54	7.34				34.19	2112	642	1315	1470	155	69.60	10.54	7.34			34.19
<b>PAY LOADER</b>																												
FEL-6	9104	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	192	1	188	191	3	99.5	1.57	1.56				216.67	192	1	188	191	3	99.48	1.57	1.56			216.67	
FEL-7	6432	HYUNDAI	280 HP	27-Aug-11	576	19	532	557	25	96.7	4.49	4.34				6.00	576	19	532	557	25	96.70	4.49	4.34			6.00	
					TOTAL	768	20	720	748	28	97.4	3.74	3.65				28.57	768	20	720	748	28	97.40	3.74	3.65			28.57

**GUA ORE MINES**

	CUMM. UTILIS. UPTO APR'18	MAKE / TYPE	CAPACITY	DATE OF COMMISSION.	APRIL 2018										2018-2019													
					SCH. HRS.	DOWN 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 %	TRIP	FEED RATE	HSD /HR		
<b>EXCAVATORS</b>																												
> 4.5 CuM																												
D-12	8973	BE 1600	7.5 CuM	16-Feb-11	720	683	26	37	11	5.14	29.73	1.53			63.64	720	683	26	37	11	5.14	29.73	1.53			63.64		
D-12A	18064	BE 1000(D)	4.5 CuM	27-Apr-08	720	689	21	31	10	4.31	32.26	1.39	64	6.40	60.00	720	689	21	31	10	4.31	32.26	1.39	64	6.40	60.00		
D-14	21966	KOMATSU	9.5 CuM	06-Apr-12	720	117	195	603	408	83.75	67.66	56.67	2725	6.68	87.50	720	117	195	603	408	83.75	67.66	56.67	2725	6.68	87.50		
D-15	15139	KOMATSU	9.5 CuM	31-Aug-15	720	102	257	618	361	85.83	58.41	50.14	2029	5.62	85.32	720	102	257	618	361	85.83	58.41	50.14	2029	5.62	85.32		
				4		TOTAL	2880	1591	499	1289	790	44.76	61.29	27.43	4818	6.10	85.82	2880	1591	499	1289	790	44.76	61.29	27.43	4818	6.10	85.82
<b>DUMPER, 50 TE</b>																												
R/D-86	19850	BEML-BH-50M	50Te	Sep-08	720	101	606	619	13	85.97	2.10	1.81			46.15	720	101	606	619	13	85.97	2.10	1.81			46.15		
R/D-87	17443	BEML-BH-50M	50Te	Dec-08	720	20	689	700	11	97.22	1.57	1.53			9.09	720	20	689	700	11	97.22	1.57	1.53			9.09		
				2		TOTAL	2160	841	1295	1319	24	61.06	1.82	1.11			29.17	2160	841	1295	1319	24	61.06	1.82	1.11			29.17
<b>DUMPER, 100 TE</b>																												
R/D-88	23547	KOMAT.HD785-7	100 T	10-Sep-10	720	84	125	636	511	88.33	80.35	70.97	1425	2.79	60.23	720	84	125	636	511	88.33	80.35	70.97	1425	2.79	60.23		
R/D-89	22937	KOMAT.HD785-7	100 T	10-Sep-10	720	83	140	637	497	88.47	78.02	69.03	1290	2.60	53.67	720	83	140	637	497	88.47	78.02	69.03	1290	2.60	53.67		
R/D-90	16384	CAT 77D	100 T	25-Jan-12	720	713		7	7	0.97	100.00	0.97	14	2.00		720	713		7	7	0.97	100.00	0.97	14	2.00			
R/D-91	12169	CAT 77D	100 T	25-Jan-12	720	44	485	676	191	93.89	28.25	26.53	1121	5.87	55.49	720	44	485	676	191	93.89	28.25	26.53	1121	5.87	55.49		
R/D-92	8337	BEML- BH 100	100 T	27-May-15	720	293	192	427	235	59.31	55.04	32.64	411	1.75	64.11	720	293	192	427	235	59.31	55.04	32.64	411	1.75	64.11		
R/D-93	5951	BEML - BH 100	100 T	10-Jun-15	720	401	132	319	187	44.31	58.62	25.97	566	3.03	49.96	720	401	132	319	187	44.31	58.62	25.97	566	3.03	49.96		
				6		TOTAL	4320	1618	1074	2702	1628	62.55	60.25	37.69	4827	2.96	56.79	4320	1618	1074	2702	1628	62.55	60.25	37.69	4827	2.96	56.79
<b>DRILL</b>																												
DM-10	15285	IR-ROTACOL-IDM-30	160mm	Feb- 04	480	152	187	328	141	68.33	42.99	29.38	1110	7.87	41.49	480	152	187	328	141	68.33	42.99	29.38	1110	7.87	41.49		
DM-12A	7468	AC-ROTACOL-IDM-30	160mm	Sep-08	480	125	199	355	156	73.96	43.94	32.50	1411	9.04	30.35	480	125	199	355	156	73.96	43.94	32.50	1411	9.04	30.35		
DM-14	13582	AC-ROTACOL-IDM-30	160 mm	12-Sep-09	480	480										480	480											
DM-15	5330	AC-ROTACOL-IDM-30	160 mm	8-Dec-14	480	121	190	359	169	74.79	47.08	35.21	1923	11.38	35.41	480	121	190	359	169	74.79	47.08	35.21	1923	11.38	35.41		
				4		TOTAL	1920	878	576	1042	466	54.27	44.72	24.27	4444	9.54	36.79	1920	878	576	1042	466	54.27	44.72	24.27	4444	9.54	36.79
<b>DOZER</b>																												
DOZ-21	16420	BEML D-355	410 HP	May- 03	480	296	66	184	118	38.33	64.13	24.58			28.98	480	296	66	184	118	38.33	64.13	24.58			28.98		
DOZ-22	16083	BEML D-355	410 HP	Feb-04	480	480										480	480											
DOZ-23	14107	BEML D-355	410 HP	May-08	480	216	82	264	182	55.00	68.94	37.92			22.64	480	216	82	264	182	55.00	68.94	37.92			22.64		
DOZ-24	9938	BEML D-355	410 HP	Sep-08	480	131	187	349	162	72.71	46.42	33.75			34.26	480	131	187	349	162	72.71	46.42	33.75			34.26		
DOZ-25	8445	BEML D-355	410 HP	25-Apr-14	480	196	42	284	243	59.17	85.39	50.52			26.25	480	196	42	284	243	59.17	85.39	50.52			26.25		
DOZ-26	5580	BEML D-355	410 HP	08-Sept-17	480	90	141	390	249	81.25	63.85	51.88			38.41	480	90	141	390	249	81.25	63.85	51.88			38.41		
				6		TOTAL	2880	1409	518	1471	954	51.08	64.82	33.11			30.44	3376	1905	518	1471	954	43.57	64.82	28.24			30.44
<b>PAY LOADER</b>																												
PL-5	11192	HM-2071	4.6	Apr- 03						#DIV/0!																		
PL-6	14069	L&T KOMAT. WA-470-3	260 HP	22-Jan-09	720	720										720	720											
PL-7	9919	L&T KOMAT. WA-470-3	260 HP	21-Jan-09	720	307	187	413	226	57.36	54.72	31.39	9	0.04		720	307	187	413	226	57.36	54.72	31.39	9	0.04			
PL-8	4769	Hyundai-hl770-7A	280 HP	01-Jun-10	720	720				#DIV/0!	#DIV/0!					720	720											
PL-9		KOMATSU	2.9	15-Dec-15						#DIV/0!	#DIV/0!																	
						TOTAL	2160	1747	187	413	226	19.12	54.72	10.46	9	0.04	16.60	2160	1747	187	413	226	19.12	54.72	10.46	9	0.04	16.60

## EQUIPMENT AVAILABILITY &amp; UTILISATION

Apr-18

UNIT IN %

EQPMT TYPE		KIRIBURU						MEGHAHATUBURU						BOLANI						BARSUA/TALDIH								
		NORM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		MTH		CUM		
		AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	AV	UT	
DRILL	150 mm	70	70	44	61	44	61	62	71	62	71	74	32	74	32	99	1	99	1	54	45	54	45					
SHOVEL	HYD(D) <4.6 m <sup>3</sup>	70	75					33	11	33	11	75	22	75	22	60	14	60	14									
	HYD(D) >4.6 m <sup>3</sup>	85	80	96	51	96	51	71	64	71	64	73	36	73	36	99	2	99	2	45	61	45	61					
	HYD(E)	70	70																									
DUMPER	85/ 60 tn	65	75																	99	7	99	7					
	50 tn	70	80	1	62	1	62	16	16	16	16	56	21	56	21	92	12	92	12	61	2	61	2					
	100 tn	85	80	75	39	75	39	61	54	61	54	68	32	68	32									63	60	63	60	
DOZER		70	70	31	36	31	36	51	50	51	50	62	38	62	38	94	17	94	17	51	65	51	65					
CRUSHING PLANT		85	85					98	49	98	49	62	73	62	73													
SCREENING PLANT		85	85					97	49	97	49	84	65	84	65													
OHP		85	85	93	69	93	69																		94	89	94	89

### Consumption of Key Consumables in 2018-19(Kiriburu)

Item	HSD			EXPL	POWER	LUBRICANT								
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.12	0.45	4.2	25
2011-12	2232461	723255	2955716	733395	28638468	158510	3848850	0	1410525	633037.6	0.12	0.55	5.45	29.26
2012-13	2304757	777352	3082109	619868	29233456	115903	3958695	0	1481400	187362	0.11	0.56	5.37	21.12
2013-14	2028772	794925	2823697	502158	31070636	126608	3443634	24977	1334250	0	0.10	0.59	6.47	26.36
2014-15	2045312	860700	2906012	733330	31989330	110440	3893355	354285	1135350	638246	0.13	0.52	5.94	19.93
2015-16	2021760	758860	2780620	585470	31933017	107099	3648780	178245	2088990	201910	0.10	0.47	5.40	17.95
2016-17	2177112	702490	2879602	573840	31702875	101640	3891780	242370	2663910	0	0.08	0.44	4.66	15.36
2017-18	2109898	573577	2683475	515422	30594993	92150	3979790	215830	1568970	863256	0.08	0.46	5.31	15.84
<b>2018-19</b>	<b>166292</b>	<b>48694</b>	<b>214986</b>	<b>53245</b>	<b>2164676</b>	<b>4200</b>	<b>248830</b>	<b>29000</b>	<b>126720</b>	<b>10000</b>	<b>0.13</b>	<b>0.56</b>	<b>5.35</b>	<b>10.90</b>
April'18	166292	48694	214986	53245	2164676	4200	248830	29000	126720	10000	0.13	0.56	5.35	10.90

**Consumption of Key Consumables in 2018-19(Meghahatuburu)**

Item	HSD			EXPL	POWER	LUBRICANT								
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL								0.13	0.45	4.15	25
2011-12	2362533	225172	2587705	553591	21142080	141234	4286700		1554480	325440	0.09	0.44	3.62	23.85
2012-13	2503447	298360	2801807	464676	20066760	123987	4225320		2166885	30114	0.07	0.44	3.14	19.37
2013-14	2324310	162200	2486510	392696	20328120	129431	4426065		1807800	780350	0.06	0.39	3.26	20.38
2014-15	2220183	193500	2413683	319470	18089880	126073	3673080	0	1305800	155000	0.06	0.44	3.63	23.61
2015-16	2225132	166400	2391532	519270	19481640	115697	3737160	0	1716350	896600	0.08	0.43	3.57	20.70
2016-17	2572886	44085	2616971	515440	17964960	126531	3711060	162000	2828750	234000	0.07	0.39	2.68	19.06
2017-18	2625542	51700	2677242	653081	18582360	119195	3784340	183000	2938950	1026000	0.08	0.38	2.69	16.97
<b>2018-19</b>	<b>220289</b>	<b>6030</b>	<b>226319</b>	<b>53177</b>	<b>1228440</b>	<b>9646</b>	<b>279290</b>	<b>20500</b>	<b>230200</b>	<b>50000</b>	<b>0.09</b>	<b>0.43</b>	<b>2.32</b>	<b>18.30</b>
April'18	220289	6030	226319	53177	1228440	9646	279290	20500	230200	50000	0.09	0.43	2.32	18.30

### Consumption of Key Consumables in 2017-18(Bolani)

Item	HSD	Expl	Power	Lubricant	DEPTT ROM	F/G AREA CONTR SCR	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
Unit	Litre	kg	KWH	Litre/Kg						0.11	0.43	4.8	25
NORM													
2010-11	2026625	479122	23080560	118412	3347818		573189	785490	196165	0.10	0.48	4.90	27.87
2011-12	1998636	534534	21235920	100300	3060290		684985	796330	164403	0.11	0.50	4.68	25.18
2012-13	1783555	514007	19644960	91014	2605030		470897	838270	506624	0.12	0.50	5.02	25.35
2013-14	1872289	635069	20288400	103250	2888400		952901	1049150	667212	0.11	0.45	4.15	24.70
2014-15	2149181	810530	21124800	109435	3516659	200000	677254	738201	1792737	0.12	0.44	4.28	22.23
2015-16	2259467	913430	21800400	106130	3598770	0	1735825	1382700	1085889	0.12	0.40	3.25	18.66
2016-17	2538285	618000	22677280	116550	4014310	0	1667532	1534785	920488	0.08	0.41	3.14	18.81
2017-18	2514011	935809	20339200	125936	3712455	0	1543746	1417555	1853008	0.11	0.42	3.05	21.06
<b>2018-19</b>	<b>204486</b>	<b>59590</b>	<b>1433760</b>	<b>7602</b>	<b>147900</b>	<b>0</b>	<b>160208</b>	<b>251000</b>	<b>134324</b>	<b>0.09</b>	<b>0.43</b>	<b>2.56</b>	<b>16.09</b>
<b>April'18</b>	204486	59590	1433760	7602	147900	0	160208	251000	134324	0.09	0.43	2.56	16.09

**Consumption of Key Consumables in 2018-19(Barsua-Taldih)**

Item	HSD			Expl	Power	Lubricant									
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	TALDIH OB	EXPL	HSD	POWER	LUB
NORM	MINES	DGSET	TOTAL				BARSUA	TALDIH	BARSUA			0.08	0.46	4.90	25.00
2011-12	1753745			233475	16215900	78287	1979803		1340775	859275.2		0.06	0.50	4.88	22.14
2012-13	1879641	30150	1909791	254675	14962260	99939	2281296		1350990	175261.7		0.07	0.52	4.12	27.19
2013-14	1592619	74350	1666969	253695	18204460	101571	1905428		1257525	652709		0.07	0.51	5.76	31.15
2014-15	1351019	18140	1369159	230450	17518920	62960	269920		2635065	350000		0.07	0.46	6.03	21.29
2015-16	1230145	6660	1236805	265250	15780840	47362	0	0	2384140	0		0.11	0.52	6.62	19.87
2016-17	934836	0	934836	188625	15520680	46730	0	173700	1804950	0	294165	0.10	0.45	7.84	22.26
2017-18	386285	0	386285	95062	13554044	11893	0	1052111	85675	0	206145	0.07	1.32	11.91	40.75
<b>2018-19</b>	<b>26265</b>	<b>0</b>	<b>26265</b>	<b>4950</b>	<b>1113077</b>	<b>341</b>	<b>0</b>	<b>98306</b>	<b>0</b>	<b>0</b>	<b>23490</b>	<b>0.04</b>	<b>1.12</b>	<b>11.32</b>	<b>14.52</b>
<b>April'18</b>	<b>26265</b>	<b>0</b>	<b>26265</b>	<b>4950</b>	<b>1113077</b>	<b>341</b>	<b>0</b>	<b>98306</b>	<b>0</b>	<b>0</b>	<b>23490</b>	<b>0.04</b>	<b>0.55</b>	<b>9.14</b>	<b>14.52</b>

### Consumption of Key Consumables in 2017-18(Gua)

Item	HSD			Expl	Power	Lubricant									
Unit	Litre			kg	KWH	Litre/Kg	DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB	
NORM	MINES	DGSET	TOTAL									0.09	0.55	4.6	25
2010-11	1813564	2030	1815594	367795	17584344	100224	2378504	0	674441	1325210	0.08	0.54	5.76	29.61	
2011-12	1026199	12194	1038393	121305	16608240	50419	543562	0	236868	225000	0.12	1.24	21.28	60.26	
2012-13	530895	31972	562867	0	15732024	22133	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
2013-14	2677615	20143	2697758	423955	17447568	104254	3764538	0	1344785	0	0.08	0.53	3.41	20.40	
2014-15	2085242	22389	2107631	277410	16677691	70037	2479410	0	752085	0	0.09	0.65	5.16	21.67	
2015-16	2632296	18880	2651176	413320	18358728	92732	3565810	284938	1540315	198718	0.08	0.51	3.60	17.91	
2016-17	2933129	2804	2935933	438030	18480528	106696	3774559	239976	1554059	0	0.08	0.54	3.32	19.80	
2017-18	3087765	2220	3089985	388490	18466944	105288	4002700	0	1573793	0	0.07	0.55	3.31	18.88	
<b>2018-19</b>	<b>276728</b>	<b>0</b>	<b>276728</b>	<b>31287</b>	<b>1502832</b>	<b>8862</b>	<b>341000</b>	<b>0</b>	<b>127530</b>	<b>0</b>	<b>0.07</b>	<b>0.59</b>	<b>3.21</b>	<b>18.91</b>	
April'18	276728	0	276728	31287	1502832	8862	341000	0	127530	0	0.07	0.59	3.21	18.91	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL													
MINE	GRANTED ON	VALID UPTO	AREA (in ha.)	RENEWAL APPL DATE	FOREST CLEARANCE (FC)	Status as on March' 2018							
ENVIRONMENTAL CLEARANCE (EC)													
<b>KBR-MBR</b>													
Lease-I	28.03.60	31.03.20	1936.06	17.02.09	Stage II FC [644.26 Ha] granted by MoEF&CC vide letter dated 26.11.2014. Stage-I FC of South & Central Block (247.5 Ha) was granted by MoEFCC on 18.10.2010. Compliance report has been submitted well within the time & State Govt. forward the proposal to MoEFCC on 13.07.2015. Several representation was made by SAIL to MoS/MOEFCC/MoM for kind intervention to expedite the Stage-II FC of South-Central Block. Recently, ED (RP&E) met DGF&SS at New Delhi on 22.03.18 and subsequently met IG (Forest) on 23.03.18. During the meeting, it was requested for early grant of pending final FC's of SAIL in Saranda Forest Division. .	EC granted by MoEFCC for 10 MTPA capacity on 27.12.2006. For enhanced capacity of 16 MTPA, The Project Proposal has been appraised successfully to EAC, MoEF, New Delhi on 22.11.2013. EC granted for 16 MTPA capacity on 23.09.2014. CTO for 16 MTPA capacity was granted by JSPCB & renewed upto 31.12.2019.							
Lease - II	06.02.73	31.03.20	879.439	10.01.02	Forestry clearance for the total broken area of 55.9 Ha was granted on 11.04.2005.	Ore Beneficiation Plant & loading facilities of Meghahatuburu Iron Ore Mine are located in the lease-II.							
Lease - III	01.10.73	31.03.20	82	26.09.02	Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04.2005.	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.							
Horomotto	01.01.70	31.12.99	1051.98	-	SAIL has filed Revision application with mining tribunal against State Govt.'s order of lapsing of lease and rejection of lease renewal application.	No EC							
<b>BOLANI</b>													
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. Further FC granted for the remaining forest land covering 261.95 ha on 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. FRA certificate issued by Collector, Keonjhar on 31.01.2018. NPV for 87.09 ha has been paid. CA,SZ & Addl CA land identified and scheme has been approved. Necessary payment has been processed during March 2018 for approval. Final Compliance report is under preparation for submission to DFO.	EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21/12/2012. Consent to Operate for 12 MTPA capacity has been renewed & Valid upto 31.03.2019.							
6.9 sq. mile lease	14.11.62	13.11.82	1586.36	26.03.02 (2nd RML)	MoEFC&CC vide letter dated 24.07.17 issued amended Stage-I FC order. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & other compliance is under progress. In addition to that, Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. NPV for 238.093 ha has been paid. FRA certificate issued by Collector, Keonjhar on 31.01.2018. CA,SZ & Addl CA land identified and scheme has been approved. Necessary payment has been processed during March 2018 for approval. Final Compliance report is under preparation for submission to DFO.	Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore, CTO for handling of 10 MTPA Iron ore lumps & fines and 15000 TPA Mn ore granted by OSPCB & further renewed on 29.03.2018 with validity upto 31.03.2019.							
<b>BARSUA-KALTA</b>													
ML No.-130	06.01.60	05.01.30	2486.383	NA	Stage-II FC granted by MoEF&CC on 06.03.2013. DFO, Bonai vide letter dated 27.02.18 allowed to take up mining operation over 28.90 ha of forest land under Taldih Block-C.	EC granted by MoEFCC vide letter dated 29th Oct'10. Amendment EC for ML-130 lease of Barsua-Taldih- Kalta has been granted on 30.03.2016 for redistribution of production Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Taldih to 2.05 Mt/yr. Consent to Operate renewed with validity upto 31.03.2019. CTO of Barua Railway siding has been granted on 29.03.2018 with validity upto 31.03.2020.							
ML No.-162	29.04.60	28.04.30	77.94	21.04.99	Stage-I FC for diversion of 77.49 ha was granted on 10.02.2015. Stage-II FC granted on 23.10.17 for diversion of 77.94 ha of forest land. Subsequently, as per the direction of Hon'ble Supreme Court order dated 02.03.16, an application for direction was filed on 24.10.17 for resumption of mining operations in ML-162 lease. The matter was heard by Hon'ble Supreme Court on 30.01.18, wherein it was directed, to list the application only after the order passed by the Odisha High Court is produced. High Court of Odisha on 4.4.18 granted interim stay on ML-130 lease demand notice related to CTO and fixed the next date of hearing on 10.05.18. Additional affidavit w.r.t. ML-162 was filed before Hon'ble Supreme Court enclosing the interim stay order granted by High Court of Orrisa. The matter listed for hearing on 17.04.18 & 18.04.18 but could not take place and next date fixed for hearing was fixed on 11.05.18.	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.	For obtaining EC,ToR application submitted to MoEFCC, New Delhi on 18.01.2018. EAC meeting held on 22.03.2018 for grant of ToR for conducting EIA study. MoEFCC vide email alert dated 4.4.18 has sought some additional details.							
ML No.-227	18.01.84	17.01.04	3.34	04.01.03	Preparation of Diversion Proposal is under progress	Non-working lease. Obtaining EC is under progress.							

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL							Status as on March' 2018
MINE	GRANTED ON	VALID UPTO	AREA (in ha.)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)	ENVIRON. CLEARANCE (EC)	
<b>BHAWANATHPUR</b>							
GORGON	23.10.72	31.03.20	228.46	18.10.11 (2nd RML)			
GHAGHRA	23.10.72	31.03.20	675.678	18.10.11 (2nd RML)	Surrender of Bhawanathpur leases i.e Gorgaon, Ghagra & Saraiya leases has been approved by SAIL-Board on 30th May 2017 meeting and Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval. Inspection done by IBM on 24-25th April 2018.		
SARAIYA	31.03.66	31.03.20	275	01.03.07 (3rd RML)			
PURNAPĀ NL	06.01.80	31.03.20	230.525	30.12.98	No forest land involved	Non-working lease. No EC	
GHATITAN	29.04.80	28.04.00	153.51	16.04.99	Matter of lease is under litigation.	Non-working lease. No EC	
KUTESHWAR							
LEFT BANK LEASE	15.05.82	14.05.22	91.14	NA	No forest land.	EC granted by MoEFCC vide letter no. J-11015/450/2012-II(M) dated 17.08.2015.CTE application for 0.06 MTPA production submitted on 06.01.2016. CTE for 0.06 MTPA production granted on 10.04.2016. Renewal of CTO was extended by Madhya Pradesh Pollution Control Board & upto 31.07.2018.	
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-II(M) dated 02.09.2015.CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO for 2.32 MTPA expansion granted by MPPCB on 23.02.2016 with validity upto 31.01.17. CTO renewed by MPPCB for the period upto 31.01.2020.	
TULSIDAM AR	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. NPV paid for total forest land involved in the project on 30.03.2016.	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 was valid up to 30.06.2018. Renewal application for grant of CTO beyond 30.06.2018 upto 2020 has been submitted on 27.02.2018.	

STATUS OF LEASE, ENVIRONMENT & FOREST OF RMD MINES, SAIL										Status as on March' 2018
MINE	GRANTED ON	VALID UPTO	AREA (in ha)	RENEWAL APPL.DATE	FORESTRY CLEARANCE (FC)				ENVIRONMENT CLEARANCE (EC)	
<b>GUA</b>										
Durgaiburu	22.02.49	21.02.79	1443.76	08.02.08 (2nd RML)	Stage-II FC for existing broken area of 274.691 ha has been granted by MoEF on 22.08.2014. Stage-I FC granted for 361.295 ha on 04.03.2014 in addition to 274.691 ha. Stage- I compliance report wa submitted to DFO 02.06.2015. State Govt. vide letter dated 30.07.2015 forwarded the proposal to MoEFCC, New Delhi for grant of Stage-II FC. Several representation was made by SAIL to MoS/MoEFCC/MoM for kind intervention to expedite the Stage-II FC of Gua. Recently, ED (RP&E) met DGF&SS at New Delhi on 22.03.18 and subsequently met IG (Forest) on 23.03.18. During the meeting, it was requested for early grant of pending final FC's of SAIL in Saranda Forest Division.				EC granted on 25.03.2013 by MoEF. JSPCB renewed Consent to Operate for 12.5 MTPA production on 11.05.2015 with validity upto 31.12.2015. Renewal of CTO granted on 04.01.2016 with validity upto 31.12.2016.Application for renewal of CTO for the period 01.01.17 to 31.12.20 submitted online on 05.08.16. Renewal of CTO granted on 26.12.2016 for the period 01.01.2017 to 31.12.2020.	
Jhilingburu - I	12.05.50	11.05.80	210.526	25.04.09 (2nd RML)	Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification and DSS confirmation by State Forest department 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. Public hearing was successfully conducted at Gua project site on 12.11.16 . Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEFCC vide letter dtd 03.04.17 informed that EC proposal will be considered after approval of Carrying Capacity study. MoEF&CC on 13.11.17 asked Additional details sought 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.	
Jhilingburu - II	12.05.50	31.03.20	30.43	05.05.09 (2nd RML)	Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFFCC, Ranchi on 16.01.2018 for further necessary action. The proposal is pending with Regional Office, MoEFCC.				TOR for conducting EIA Study for production of 20,820 TPA Mn ore was granted by MoEF on 23.07.2012. Public Hearing was conducted on 31.01.2014 at Gua. Final EIA/EMP report was submitted to MoEFCC on 12.07.16 for grant of EC. The proposal was transferred to SEIAA, Ranchi by MoEFCC on 04.08.2017 as Catgory-B project. SEAC Meeting for grantof EC has been held at Ranchi on 22.02.2018. Information related to Project was asked by SEAC on 09.03.2018 which is under preparation for further submission.	
Topailore	09.03.70	31.03.20	14.15	04.03.99	Stage-I FC for 14.15 ha of forest land was granted by MoEF on 30.08.13. Stage-I FC compliance submitted to DFO, Saranda on 05.03.2016 and was forwarded to RO, MoEFCC, Ranchi on 03.11.16 for grant of Stage-II FC.				EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015.	
<b>CHIRIA</b>										
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 to State govt. on 26.12.13 .Grant of Stage – II FC is pending with MoEFCC since 24.07.2015				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.CTE granted by JSPCB on 25.01.2016 with validity of 6 months i.e. upto 24.07.2016. The validity of CTE has been extended till 24.07.17 by JSPCB. Further, validity of CTE extended by JSPCB on 04.08.2017 for a period upto 24.07.2018.	
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.JSPCB vide letter dated 29.05.17 extended the CTE validity upto 21.05.18.	
Dhobil	08.03.48	07.03.18	513.036	06.03.97 (2nd RML)	Forestry clearance exist upto 2018.				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	
Ankuia	14.06.82	31.03.20	67.178	18.06.11 (2nd RML)	Virgin & Non-working lease.No FC				No EC	

RMD MANPOWER POSITION AS ON 01.05.2018			
	Executives	Non-Executives	Total
<b>A. ORE MINES</b>			
Kiriburu	92	545	637
Meghahatuburu	72	499	571
Bolani	93	429	522
Barsua	54	302	356
Kalta	15	60	75
Gua	65	520	585
Manoharpur(Chiria)	16	54	70
<b>A.TOTAL</b>	<b>407</b>	<b>2409</b>	<b>2816</b>
<b>B. FLUX MINES</b>			
Purnapani	0	10	10
Kuteshwar	23	109	132
BNP & TDMR	12	89	101
Satna	0	1	1
<b>B. TOTAL</b>	<b>35</b>	<b>209</b>	<b>244</b>
<b>C. OFFICES</b>			
Kolkata	67	33	100
Rourkela	13	16	29
Bokaro	1	4	5
Durgapur	1	4	5
Delhi	3	2	5
Bhubaneswar	1	2	3
Ranchi	2	1	3
Burnpur	0	1	1
MT	6	0	6
<b>C. TOTAL</b>	<b>94</b>	<b>63</b>	<b>157</b>
<b>GRAND</b>			
<b>TOTAL(A+B+C)</b>	<b>536</b>	<b>2681</b>	<b>3217</b>
Manpower as on 01.04.2018	539	2691	3230
Reduction(-) / Increase(+)	-3	-10	-13

# SAFETY REPORT

## 1.0 Accident Statistics:

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

1.0 Manhours worked :-1093656

## 2.0 PME

1	Regular	78
2	Contractual	85

## 3.0 Reportable & Near miss-

4.0 Pit Safety Committee Meeting -- YES

Safety Inspection done:

1. Mines
2. Statutory Register
3. Canteen & VT Centre

## 2.1 Works Area:

### 2.1.1 Safety Audits:

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

### 2.1.2 Safety Inspections:

Sl. No.	Type of inspection/ agency	Total No. of inspections (major deppts. inspected)	No. of Unsafe acts & conditions observed	Points complied	Balance Points
1.	Safety officer of SED	8	32	32	00
2.	Shop DSOs				
3.	Apex Committee				
4.	Other schedule/ joint inspections [Housekeeping, Crane, Cable Galleries etc.]				
5.	Any other PSC				

### 2.1.3

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

Sl. No.	Name of the programme	No. of programmes	No. of participants	Cumulative	
				Programs	Participants
1	Refresher Training	6	178		

(B) Regular Trainings

Safety Talk			Induction Training			On -the-job/ Refresher Training		
R-345	C-200	T-700	R-0	C-75	T-75	R-21	C -70	T-91

### 2.1.4 Safety Monitoring &Review:

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

### 2.1.5 Special Drives & Campaigns

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

### 2.1.6 Participative Meetings:

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

**STEEL PLANT**

**PERFORMANCE**

**PROFILE**

**IRON ORE STOCK INVENTORY BEHAVIOUR**  
**APR 2018**  
**IRON ORE LUMP**

UNIT: '000 TONNES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.04.2018	MTH	CUM	MTH	CUM	01.05.2018	MTH	YR
BSL	28	28	180	180	194	194	17	-11	-11
DSP	11	11	111	111	113	113	8	-3	-3
RSP	11	11	179	179	179	179	11	0	0
ISP	5	5	107	107	79	79	23	18	18
BSP	256	256			224	224	258	2	2
<b>TOT</b>	<b>311</b>	<b>311</b>	<b>577</b>	<b>577</b>	<b>789</b>	<b>789</b>	<b>317</b>	<b>6</b>	<b>6</b>

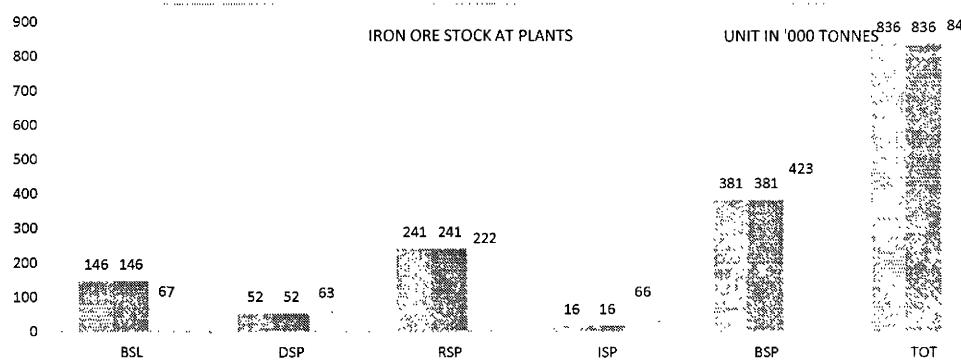
**IRON ORE FINES**

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.04.2018	MTH	CUM	MTH	CUM		MTH	YR
BSL	118	118	272	272	360	360	50	-68	-68
DSP	41	41	248	248	234	234	55	14	14
RSP	230	230	310	310	378	378	211	-19	-19
ISP	11	11	257	257	284	284	43	32	32
BSP	125	125	8	8	430	430	165	40	40
<b>TOT</b>	<b>525</b>	<b>525</b>	<b>1095</b>	<b>1095</b>	<b>1686</b>	<b>1686</b>	<b>524</b>	<b>-1</b>	<b>-1</b>

**IRON ORE TOTAL**

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
	01.04.2018	01.04.2018	MTH	CUM	MTH	CUM		MTH	YR
BSL	146	146	452	452	554	554	67	-79	-79
DSP	52	52	359	359	347	347	63	11	11
RSP	241	241	489	489	557	557	222	-19	-19
ISP	16	16	364	364	363	363	66	50	50
BSP	381	381	8	8	654	654	423	42	42
<b>TOT</b>	<b>836</b>	<b>836</b>	<b>1672</b>	<b>1672</b>	<b>2475</b>	<b>2475</b>	<b>841</b>	<b>5</b>	<b>5</b>

\* BSP RECEIPT FROM RMD MINES



# PRODUCTION PERFORMANCE

## APR 2018

### हॉट मेटल

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	367	334	91	367	334	91	296	13
दूर्गापूर	220	193	88	220	193	88	138	40
रातरकेला	339	295	87	339	295	87	300	-2
बर्नपूर	207	161	78	207	161	78	158	2
<b>पूर्वी इस्पात संयंत्र</b>	<b>1133</b>	<b>983</b>	<b>87</b>	<b>1133</b>	<b>983</b>	<b>87</b>	<b>892</b>	<b>10</b>
भिलाई	418	365	87	418	365	87	352	4
<b>TOTAL</b>	<b>1551</b>	<b>1348</b>	<b>87</b>	<b>1551</b>	<b>1348</b>	<b>87</b>	<b>1244</b>	<b>8</b>

### सिन्तर

UNIT 000 TONNES

संयंत्र	FOR THE MONTH			CUML FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	490	481	98	490	481	98	441	9
दूर्गापूर	285	280	98	285	280	98	189	48
रातरकेला	521	440	84	521	440	84	484	-9
बर्नपूर	298	269	90	298	269	90	270	0
<b>पूर्वी इस्पात संयंत्र</b>	<b>1594</b>	<b>1470</b>	<b>92</b>	<b>1594</b>	<b>1470</b>	<b>92</b>	<b>1384</b>	<b>6</b>
भिलाई	657	575	88	657	575	88	533	8
<b>TOTAL</b>	<b>2251</b>	<b>2045</b>	<b>91</b>	<b>2251</b>	<b>2045</b>	<b>91</b>	<b>1917</b>	<b>7</b>

**IRON ORE RECEIPTS FOR THE MONTH OF APR 2018**

***FIGS IN '000 T***

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	23	67	18		7	59	2		4		178
DSP			72				39				111
RSP	62	55			34	18			7	3	179
ISP			36				67		4		107
BSP											
<b>TOT</b>	<b>84</b>	<b>122</b>	<b>126</b>		<b>41</b>	<b>76</b>	<b>107</b>		<b>15</b>	<b>3</b>	<b>575</b>

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	102	85	48		28		9				271
DSP		14	134				100				248
RSP	112	95		9		94					310
ISP	6	10	124				117				258
BSP	8										8
<b>TOT</b>	<b>229</b>	<b>203</b>	<b>305</b>	<b>9</b>	<b>28</b>	<b>94</b>	<b>226</b>				<b>1094</b>

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	125	152	65		35	59	10		4		449
DSP		14	206				139				359
RSP	174	149		9	34	111			7	3	489
ISP	6	10	160				184		4		365
BSP	8										8
<b>TOT</b>	<b>313</b>	<b>325</b>	<b>431</b>	<b>9</b>	<b>69</b>	<b>170</b>	<b>333</b>		<b>15</b>	<b>3</b>	<b>1669</b>

**IRON ORE RECEIPTS TILL THE MONTH OF APR 2018**

***FIGS IN '000 T***

	Lump Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	23	67	18		7	59	2		4		180
DSP			72				39				111
RSP	62	55			34	18			7	3	179
ISP			36				67		4		107
BSP											
<b>TOT</b>	<b>85</b>	<b>122</b>	<b>126</b>		<b>41</b>	<b>77</b>	<b>108</b>		<b>15</b>	<b>3</b>	<b>577</b>

	Fines Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	102	85	48		28		9				272
DSP		14	134				100				248
RSP	112	95		9		94					310
ISP	6	10	124				117				257
BSP	8										8
<b>TOT</b>	<b>228</b>	<b>204</b>	<b>306</b>	<b>9</b>	<b>28</b>	<b>94</b>	<b>226</b>				<b>1095</b>

	Total Receipt										
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	125	152	66		35	59	11		4		452
DSP		14	206				139				359
RSP	174	150		9	34	112			7	3	489
ISP	6	10	160				184		4		364
BSP	8										8
<b>TOT</b>	<b>313</b>	<b>326</b>	<b>432</b>	<b>9</b>	<b>69</b>	<b>171</b>	<b>334</b>		<b>15</b>	<b>3</b>	<b>1672</b>

**PRESENT BASE FREIGHT IN RS PER TONNE IN TRAIN LOAD CLASS**

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
<b>180 CLASS to 165 CLASS</b>	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15
KRBU(N/B) (FOS)	371	<b>613.00</b>	409	<b>687.60</b>	89	<b>234.00</b>	377	<b>650.10</b>	541	<b>874.70</b>
KRBU(O/B) (SOBK)	371	<b>613.00</b>	409	<b>687.60</b>	90	<b>234.00</b>	377	<b>650.10</b>	541	<b>874.70</b>
MBR (SSMK)	371	<b>613.00</b>	409	<b>687.60</b>	89	<b>234.00</b>	377	<b>650.10</b>	541	<b>874.70</b>
BOLANI (BYFS)	272	<b>467.80</b>	318	<b>540.00</b>	223	<b>392.50</b>	286	<b>504.90</b>	683	<b>1097.30</b>
BARSUA (PBSB)	348	<b>576.50</b>	390	<b>650.10</b>	68	<b>234.00</b>	352	<b>650.10</b>	523	<b>874.70</b>
ROXY (HLSR)	332	<b>576.50</b>	380	<b>650.10</b>	59	<b>234.00</b>	346	<b>576.50</b>	513	<b>874.70</b>
GUA (ISCG)	265	<b>467.80</b>	311	<b>540.00</b>	216	<b>392.50</b>	279	<b>504.90</b>	667	<b>1097.30</b>
MANOHARPUR (IISM)	241	<b>430.20</b>	287	<b>504.90</b>	33	<b>234.00</b>	255	<b>467.80</b>	489	<b>799.30</b>
DALLIRAJHARA (DRZ)	827	<b>1317.70</b>	871	<b>1390.50</b>	548	<b>874.70</b>	832	<b>1317.70</b>	83	<b>234.00</b>

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

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