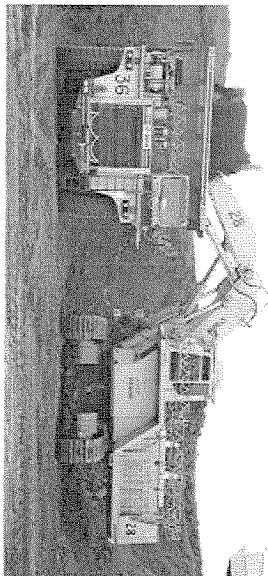


भारत.एम्.डी. इनफार्मेटिक्स



DECEMBER'2015

द्वारा प्रकाशित:

पीपीसी विभाग

सेल SAIL

से मैटेरियल्स डिवीजन

भारतीय इस्पात प्राधिकरण

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Excerpt

For the month of December 2015

- **Production**

1. **77% & 82% APP** fulfillment in lump & fines production respectively. **80% APP** fulfillment in Flux production.
2. **More than 100% APP** fulfillment in lump production by **Meghnathuburu, Bolani & Guda.**
3. **More than 100% APP** fulfillment in total production by **Bolani & Meghnathuburu.**

- **Despatch**

1. **71% & 71% APP** fulfillment in lump & fines despatch respectively. **75% APP** fulfillment in Flux despatch.
2. **More than 100% APP** fulfillment in lump despatch by **Meghnathuburu.**

Till the month of December 2015

- **Production**

1. **91% & 83% APP** fulfillment in lump & fines production respectively. **91% APP** fulfillment in Flux production.
2. **More than 100% APP** fulfillment in lump production by **Meghnathuburu, Bolani & Guda.**
3. **More than 100% APP** fulfillment in total production by **Bolani & Kalita.**

- **Despatch**

1. **89% & 81% APP** fulfillment in lump & fines despatch respectively. **92% APP** fulfillment in Flux despatch.
2. **More than 100% APP** fulfillment in lump despatch by **Bolani & Guda.**
3. **More than 100% APP** fulfillment in total despatch by **Meghnathuburu & Kalita.**

Railway Issues

- **379 rakes despatched in December 2015.**

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)
DECEMBER 2015

UNIT 000 TONNES

PRODUCTION														
MINE & RATED CAP	PLAN		FOR MONTH				GRTH % OVER LSTYR	TILL THE MONTH		GRTH % CAP				
			2015-16	TGT	ACT	%EFF		LAST YR	TGT	ACT	%EFF	LAST YR	OVER LSTYR	UTIL %
	KIRIDURU 4250	L	1600	150	77	51	155	-50.3	1170	966	83	1217	-20.6	
	F	2600	240	200	83	163	22.7	1910	1663	87	1564	6.3		
	T	4200	390	277	71	318	-12.9	3080	2629	85	2781	-5.5	82	
MEGHADHA TUBURU 4300	L	1200	100	120	120	93	29.0	915	934	102	722	29.4		
	F	3000	280	260	93	288	-9.7	2165	1960	91	1874	4.6		
	T	4200	380	380	100	381	-0.3	3080	2894	94	2596	11.5	90	
BOLANI 4200	L	1650	150	152	101	123	23.6	1225	1439	117	1023	40.7		
	F	3700	350	360	103	293	22.9	2660	2515	95	1831	37.4		
	T	5350	500	512	102	416	23.1	3885	3954	102	2854	38.5	126	
BARSLA 2016	L	750	75					535		88	-100.0			
	F	1450	140					1050		160	-100.0			
	T	2200	215					1585		248	-100.0			
KALTA 1100	L	750	65	42	65	56	-25.0	555	503	91	591	-14.9		
	F	500	50	45	90	79	-43.0	355	407	115	451	-9.8		
	T	1250	115	87	76	135	-35.6	910	910	100	1042	-12.7	110	
CUA 2400	L	850	75	80	107	61	31.1	630	779	124	512	52.1		
	F	2850	250	215	86	204	5.4	2110	1935	92	1115	73.5		
	T	3700	325	295	91	265	11.3	2740	2714	99	1627	66.8	151	
MANOHAR-PUR 1400	L	450	40	32	80			335	275	82	165	66.7		
	F	400	40	22	55			265	237	89	176	34.7	26	
	T	850	80	54	68			600	512	85	341	50.1		
TOTAL	L	7250	655	503	77	488	3.1	5365	4896	91	4318	13.4		
	F	14500	1350	1102	82	1027	7.3	10515	8717	83	7171	21.6		
	T	21750	2005	1605	80	1515	5.9	15880	13613	86	11489	18.5	92	

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)
DECEMBER 2015

UNIT 000 TONNES

DESPATCHES															
MINE	PLAN		FOR THE MONTH					TILL THE MONTH		GIRTH %			STOCKS AT MINES		
	2015-16	TGT	ACT	%FF	LAST YR DEC 2014	OVER LSTYR DEC 2014	TGT	ACT	%FF	LAST YR	OVER LSTYR	YEAR BEGN.	MTH BEGN.	MTH END	
KIRIBURU	L 1600	150	79	53	161	-50.9	1170	948	81	1227	-22.7	6	32	26	
	F 2600	240	179	75	197	-9.1	1910	1529	80	1628	-6.1	591	697	726	
	T 4200	390	258	66	358	-27.9	3080	2477	80	2855	-13.2	597	729	752	
MEGHAHA TUBURU	L 1200	100	101	101	153	-34.0	915	891	97	831	7.2	41	64	84	
	F 3000	270	188	70	196	-4.1	2285	2368	104	1496	58.3	782	308	387	
	T 4200	370	289	78	349	-17.2	3200	3259	102	2327	40.1	823	372	471	
BOILANI	L 1650	150	141	94	111	27.0	1225	1375	112	1101	24.9	22	78	88	
	F 3700	350	326	93	308	5.8	2660	2407	90	2014	19.5	1343	1422	1455	
	T 5350	500	467	93	419	11.5	3885	3782	97	3115	21.4	1365	1500	1543	
BARSLA	L 750	75			122	-100.0	535			89	-100.0	7	15	15	
	F 1450	140			122	-100.0	1050			416	-100.0	112	194	194	
	T 2200	215					1585			505	-100.0	119	209	209	
KALITA	L 750	65	42	65	62	-32.3	555	500	90	591	-15.4	8	13	14	
	F 500	50	45	90	79	-43.0	355	407	115	450	-9.6	4	2	1	
	T 1250	115	87	76	141	-38.3	910	907	100	1041	-12.9	12	15	15	
GU/A	L 850	75	66	88	51	29.4	630	779	124	527	47.8	24	39	16	
	F 3050	270	197	73	120	64.2	2255	1788	79	1165	53.5	117	150	67	
	T 3900	345	263	76	171	53.8	2885	2567	89	1692	51.7	141	189	83	
MANOHAR - PUR	L 450	40	36	90			335	275	82	167	64.7	2	2	8	
	F 400	40	25	63			260	238	92	186	28.0	13	10	1	
	T 850	80	61	76			595	513	86	353	45.3	15	12	9	
TOTAL	L 7250	655	465	71	538	-13.6	5365	4768	89	4533	5.2	110	243	251	
	F 14700	1360	960	71	1022	-6.1	10775	8737	81	7355	18.8	2962	2783	2831	
	T 21950	2015	1425	71	1560	-8.7	16140	13505	84	11888	13.6	3072	3026	3082	

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)
DECEMBER 2015

UNIT 000 TE

DEVELOPMENT									
	FOR MONTH			TILL MONTH			LAST		GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF	YR	1STYR	
KIRIBURU	216	224	104	1760	1682	96	1221	37.8	
MEGHAHATUBURU	320	277	87	2160	2178	101	980	122.2	
BOLANI	267	187	70	2450	2124	87	1785	19.0	
BARSLA	240	154	64	1710	1710	100	2180	-21.6	
KALTA	35	19	54	195	259	133	359	-27.9	
GUA	150	138	92	1090	1270	117	432	194.0	
MANOHARPUR	14	0	0	116	7	6	0		
TOTAL	1242	999	80	9481	9230	97	6957	32.7	

ROM									
KIRIBURU	436	282	65	3446	2858	83	3054	-6.4	
MEGHAHATUBURU	387	380	98	3332	2987	90	2642	13.1	
BOLANI	520	497	96	4125	4035	98	2944	37.1	
BARSLA	245	0	0	1810	0	0	270	-100.0	
KALTA	120	110	92	945	982	104	1089	-9.8	
GUA	385	320	83	3140	2920	93	1627	79.5	
MANOHARPUR	127	41	32	1062	348	33	312	11.5	
TOTAL	2220	1630	73	17860	14130	79	11938	18.4	

TOTAL EXCAVATION									
KIRIBURU	652	506	78	5206	4540	87	4275	6.2	
MEGHAHATUBURU	707	657	93	5492	5165	94	3622	42.6	
BOLANI	787	684	87	6575	6159	94	4729	30.2	
BARSLA	485	154	32	3520	1710	49	2450	-30.2	
KALTA	155	129	83	1140	1241	109	1448	-14.3	
GUA	535	458	86	4230	4190	99	2059	103.5	
MANOHARPUR	141	41	29	1178	355	30	312	13.8	
TOTAL	3462	2629	76	27341	23360	85	18895	23.6	

Unit in '0		PREVIOUS YEAR EXCAVATION PERFORMANCE 2014-15																																																																															
		Kolluru				Machilipatnam				Bantam				Bantam																																																																			
TOI	Exc.	ROM	OB	TOT EXC.	ROM	OB	TOT EXC.	ROM	OB	TOT EXC.	ROM	OB	TOT EXC.	ROM	OB	TOT EXC.																																																																	
Apr-14	390530	33470	8440	424950	33470	8440	424950	33470	8440	188321	188321	20672	188321	188321	20672	188321																																																																	
May-14	437768	335070	102490	970328	335070	102490	970328	335070	102490	265972	265972	277580	265972	265972	277580	265972																																																																	
Jun-14	432423	338435	95590	866448	338435	95590	866448	338435	95590	288224	288224	227598	288224	288224	227598	288224																																																																	
Jul-14	471795	351945	115345	939085	351945	115345	939085	351945	115345	388474	388474	245421	388474	388474	245421	388474																																																																	
Aug-14	472792	352722	116322	941836	352722	116322	941836	352722	116322	398474	398474	245421	398474	398474	245421	398474																																																																	
Sep-14	440000	355722	116322	912044	355722	116322	912044	355722	116322	398474	398474	245421	398474	398474	245421	398474																																																																	
Oct-14	519131	361080	200835	1081246	361080	200835	1081246	361080	200835	400044	400044	232454	400044	400044	232454	400044																																																																	
Nov-14	479843	370085	104540	954468	370085	104540	954468	370085	104540	357794	357794	278450	357794	357794	278450	357794																																																																	
Dec-14	506070	370085	224005	1099160	370085	224005	1099160	370085	224005	407794	407794	255574	407794	407794	255574	407794																																																																	
Jan-15																																																																																	
Feb-15																																																																																	
Mar-15	427421.6	3054105	1200811	3671455	3054105	1200811	3671455	3054105	1200811	4729316	4729316	2044752	4729316	4729316	2044752	4729316																																																																	
		3671455				2641795				3779316				2844752				1785454				2450115				2699920				2180195				1484144				1089720				335874				2055400				1628685				431515				312705				312705				0				18859241				19193632				6755007			

		THIS YEAR EXCAVATION PERFORMANCE 2015-16															
		Bantam				Kolluru				Guntur				Machilipatnam			
TOI	Exc	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	ROM	OB	TOT EXC	
Apr-15	585126	391185	193441	1169752	391185	193441	1169752	391185	193441	1169752	391185	193441	1169752	391185	193441	1169752	
May-15	547195	311850	293445	1152490	311850	293445	1152490	311850	293445	1152490	311850	293445	1152490	311850	293445	1152490	
Jun-15	421785	317160	100435	839380	317160	100435	839380	317160	100435	839380	317160	100435	839380	317160	100435	839380	
Jul-15	435720	269710	168440	873870	269710	168440	873870	269710	168440	873870	269710	168440	873870	269710	168440	873870	
Aug-15	438570	269710	168440	873870	269710	168440	873870	269710	168440	873870	269710	168440	873870	269710	168440	873870	
Sep-15	438570	269710	168440	873870	269710	168440	873870	269710	168440	873870	269710	168440	873870	269710	168440	873870	
Oct-15	459720	244710	214500	935830	244710	214500	935830	244710	214500	935830	244710	214500	935830	244710	214500	935830	
Nov-15	538990	316170	222210	1077370	316170	222210	1077370	316170	222210	1077370	316170	222210	1077370	316170	222210	1077370	
Dec-15	538990	316170	222210	1077370	316170	222210	1077370	316170	222210	1077370	316170	222210	1077370	316170	222210	1077370	
Jan-16																	
Feb-16																	
Mar-16	4520000	2855040	1481760	8856800	4520000	2855040	8856800	4520000	2855040	8856800	4520000	2855040	8856800	4520000	2855040	8856800	
Change Over last Year																	
TOI	268521	170642	45174	486337	268521	170642	486337	268521	170642	486337	268521	170642	486337	268521	170642	486337	
%Chg	6.2	-4.4	-9.8	15.1	12.3	30.2	51.0	17.0	-30.2								

p-5

Unit in To	PREVIOUS YEAR PRODUCTION PERFORMANCE 2014-15											
	Kithure			Moghehaneur			Booni			Benua		
	UIMP	FINES	TOT	UIMP	FINES	TOT	UIMP	FINES	TOT	UIMP	FINES	TOT
Apr-14	10864	13431	23095	10864	13431	23095	10864	13431	23095	10864	13431	23095
May-14	13394	18401	33095	13394	18401	33095	13394	18401	33095	13394	18401	33095
Jun-14	11704	18164	29772	11704	18164	29772	11704	18164	29772	11704	18164	29772
Jul-14	12104	18504	30607	12104	18504	30607	12104	18504	30607	12104	18504	30607
Aug-14	12072	18407	30479	12072	18407	30479	12072	18407	30479	12072	18407	30479
Sep-14	13072	18607	31679	13072	18607	31679	13072	18607	31679	13072	18607	31679
Oct-14	11718	17987	29705	11718	17987	29705	11718	17987	29705	11718	17987	29705
Nov-14	15007	18597	33604	15007	18597	33604	15007	18597	33604	15007	18597	33604
Dec-14	15503	18756	34259	15503	18756	34259	15503	18756	34259	15503	18756	34259
Jan-15	15503	18756	34259	15503	18756	34259	15503	18756	34259	15503	18756	34259
Feb-15	15503	18756	34259	15503	18756	34259	15503	18756	34259	15503	18756	34259
Mar-15	15503	18756	34259	15503	18756	34259	15503	18756	34259	15503	18756	34259
Total	121719	154188	278181	121719	154188	278181	121719	154188	278181	121719	154188	278181

THIS YEAR PRODUCTION PERFORMANCE 2015-16												
Unit in To	Kithure			Moghehaneur			Booni			Benua		
	UIMP	FINES	TOT	UIMP	FINES	TOT	UIMP	FINES	TOT	UIMP	FINES	TOT
Apr-15	14853	19103	34556	14853	19103	34556	14853	19103	34556	14853	19103	34556
May-15	15348	19598	36946	15348	19598	36946	15348	19598	36946	15348	19598	36946
Jun-15	11231	17261	28492	11231	17261	28492	11231	17261	28492	11231	17261	28492
Jul-15	11689	17442	29131	11689	17442	29131	11689	17442	29131	11689	17442	29131
Aug-15	10231	17442	27673	10231	17442	27673	10231	17442	27673	10231	17442	27673
Sep-15	12521	18597	31118	12521	18597	31118	12521	18597	31118	12521	18597	31118
Oct-15	7779	16104	23883	7779	16104	23883	7779	16104	23883	7779	16104	23883
Nov-15	9159	19451	28610	9159	19451	28610	9159	19451	28610	9159	19451	28610
Dec-15	7650	20031	27681	7650	20031	27681	7650	20031	27681	7650	20031	27681
Jan-16	7650	20031	27681	7650	20031	27681	7650	20031	27681	7650	20031	27681
Feb-16	7650	20031	27681	7650	20031	27681	7650	20031	27681	7650	20031	27681
Mar-16	7650	20031	27681	7650	20031	27681	7650	20031	27681	7650	20031	27681
Total	94431	145897	249328	94431	145897	249328	94431	145897	249328	94431	145897	249328
Change Over Last Year	-25072	-98709	-152058	-25072	-98709	-152058	-25072	-98709	-152058	-25072	-98709	-152058
Diff	-265	67	-198	-265	67	-198	-265	67	-198	-265	67	-198

Unit in 10		PREVIOUS YEAR DESPATCH PERFORMANCE 2014-15																								RMD TOTAL	
		UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT		
Apr-14	11591	140954	256003	39726	117999	121199	209046	315347	33396	41352	94747	151444	104332	136110	240442	34782	44782	52113	54982	58894	68436	54982	58894	68436			
May-14	139072	191133	330234	60944	128257	207753	57632	123130	180942	33396	41352	94747	151444	104332	136110	240442	34782	44782	52113	54982	58894	68436	54982	58894	68436		
Jun-14	114498	140720	256617	111931	155449	267560	76871	145205	274079	33097	24389	27498	0	64241	33746	74387	79359	200783	280376	34782	44782	52113	54982	58894	68436		
Jul-14	117848	178570	256519	165900	149140	210157	122146	262422	318743	64241	33746	74387	0	64241	33746	74387	79359	200783	280376	34782	44782	52113	54982	58894	68436		
Aug-14	121297	178570	256519	165900	149140	210157	122146	262422	318743	64241	33746	74387	0	64241	33746	74387	79359	200783	280376	34782	44782	52113	54982	58894	68436		
Sep-14	121297	178570	256519	165900	149140	210157	122146	262422	318743	64241	33746	74387	0	64241	33746	74387	79359	200783	280376	34782	44782	52113	54982	58894	68436		
Oct-14	141481	233343	395044	43488	239925	303466	144497	247708	392174	81326	81326	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644		
Nov-14	144431	181725	328138	108495	303466	412180	144497	247708	392174	81326	81326	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644	162644		
Dec-14	142108	177001	359109	152446	175544	348110	110423	308598	419221	122126	122126	244252	244252	244252	244252	244252	244252	244252	244252	244252	244252	244252	244252	244252	244252		
Jan-15																											
Feb-15																											
Mar-15																											
Total	1227513	1624962	2654475	832235	1465704	2327739	1101267	2014790	3118057	88710	416248	504858	590326	442793	1039719	537953	1165905	1638588	163722	185961	352468	4535226	7354468	11889894			

		THIS YEAR DESPATCH PERFORMANCE 2015-16																								RMD TOTAL	
		UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT	UUMP	FINES	TOT		
Apr-15	144928	144313	333940	94486	392524	484672	148974	297106	441000	53460	40131	93591	116746	203435	320181	39724	38426	75950	590056	604009	1494125	604009	1494125	604009			
May-15	144928	144313	333940	94486	392524	484672	148974	297106	441000	53460	40131	93591	116746	203435	320181	39724	38426	75950	590056	604009	1494125	604009	1494125	604009			
Jun-15	117014	160013	279026	105919	210412	344531	138003	267952	380456	63000	31228	94228	77509	172395	250054	31228	44048	51453	539252	547477	1410999	547477	1410999	547477			
Jul-15	100027	152248	252776	127962	210431	333393	174697	222056	397703	50160	35240	85400	65841	217447	283181	24572	33075	66447	539252	547477	1410999	547477	1410999	547477			
Sep-15	101365	152248	252776	127962	210431	333393	174697	222056	397703	50160	35240	85400	65841	217447	283181	24572	33075	66447	539252	547477	1410999	547477	1410999	547477			
Oct-15	101365	152248	252776	127962	210431	333393	174697	222056	397703	50160	35240	85400	65841	217447	283181	24572	33075	66447	539252	547477	1410999	547477	1410999	547477			
Nov-15	74800	143881	238771	238771	106400	304299	410597	149444	344879	517923	3455	4894	103096	81711	184410	246121	24694	44274	479800	977705	1513939	977705	1513939	977705			
Dec-15	79041	178714	257744	100484	187594	288028	140724	353480	494319	34765	48471	83236	68451	177461	284312	33506	24728	60434	464401	766008	1342409	766008	1342409	766008			
Jan-16																											
Feb-16																											
Mar-16																											
Apr-16	846205	1529700	2407708	890227	2348577	3298604	1374623	2404572	3781337	499517	407044	906561	780403	1798712	2569115	275239	237529	512748	4748216	8738073	13502289	4748216	8738073	13502289			
Change Over Ind	-273208	-97243	-374571	-57792	-872832	-930445	-273556	-391722	-465280	-48070	-416248	-504858	-590326	-442793	-1039719	-537953	-1165905	-1638588	-163722	-185961	-352468	-4535226	-7354468	-11889894			
%Chng	-22.8	-4.0	-13.2	6.9	-58.4	-40.0	-24.6	-17.4	-21.4	-10.0	-10.0	-15.4	-9.4	-12.8	47.8	53.4	51.7	45.1	27.7	45.4	5.1	18.8	73.4				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
DECEMBER 2015
बीकानेर इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP										FINES										TOTAL										
	FOR MONTH					TILL MONTH					FOR MONTH					TILL MONTH					FOR MONTH					TILL MONTH					
	APP	ACT	%A/E	YR	%	APP	ACT	%A/E	YR	%	APP	ACT	%A/E	YR	%	APP	ACT	%A/E	YR	%	APP	ACT	%A/E	YR	%	APP	ACT	%A/E	YR	%	
K&O	105	45	-43	790	812	-29	100	49	49	870	864	99	944	-8	205	94	46	1601	1440	87	1756	-18									
NBR	70	45	64	635	527	-13	140	107	76	1170	866	74	768	13	210	152	72	1805	1324	73	1295	2									
HOL	70	56	80	505	394	78	296	33	45	57	127	355	534	150	380	41	115	113	98	860	928	108	676	37							
BAR											140				20																
K&A											28																				
C&A	10	17	170	110	146	133	176	133	50	40	80	330	312	95	290	20	60	57	95	440	458	104	566	-19							
NPR											12																				
RAMD TOT	255	163	64	2040	1626	80	1984	-18	355	265	75	2865	2671	93	2815	-5	610	428	70	4905	4297	88	4799	-10							
DRZ																															
PCR																															
GR TOT	255	163	64	2040	1626	80	1984	-18	355	265	75	2865	2671	93	2815	-5	610	428	70	4905	4297	88	4799	-10							
FLUXES																															
BNP	4																														
KTR	35	24	69	250	232	93	122	35																							
UDMR	13	8	62	112	127	113	120	6																							
TOT	52	32	62	394	359	91	292	23																							

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
DECEMBER 2015
द्विमासिक वितरण

MINE	LUMP										FINES										TOTAL										
	FOR MONTH			TILL MONTH			LAST		GRTH		FOR MONTH			TILL MONTH			LAST		GRTH		FOR MONTH			TILL MONTH			LAST		GRTH		
	APP	ACT	%dfr	APP	ACT	%dfr	YR	%			APP	ACT	%dfr	APP	ACT	%dfr	YR	%			APP	ACT	%dfr	APP	ACT	%dfr	YR	%			
SKH				4			39	-90						11		171	-94							15		210	-93				
NRH				50	32	64	32				25	3	12	205	61	30	110	-45			25	3	12	255	93	36	142	-35			
NOI	70	67	96	555	585	105	595	-2			100	134	134	810	899	111	918	-5			170	201	118	1365	1484	109	1343	-4			
BAR	20			150							35			250			4	-100			55			380			4	-100			
KAI																															
CL/A	20	21	105	180	263	146	184	43			70	75	107	535	662	124	484	37			90	96	107	715	925	129	668	38			
NRH		3			3							1			1							4			4						
RMD TOT	110	91	83	935	887	95	850	4			230	213	93	1780	1634	92	1717	-5			340	304	89	2715	2521	93	2567	-2			
DRZ																															
PLR																															
GR TOT	110	91	83	935	887	95	850	4			230	213	93	1780	1634	92	1717	-5			340	304	89	2715	2521	93	2567	-2			
FLUXES																															
INDP																															
KTR	5						35																								
IDAR							8																								
TOT	5						35																								

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
DECEMBER 2015
राउरकेला इस्पात संयंत्र

UNIT: 000 TONNES

MINE	LUMP										FINES										TOTAL									
	FOR MONTH					TILL MONTH					FOR MONTH					TILL MONTH					FOR MONTH					TILL MONTH				
	APP	ACT	%A/E	APP	ACT	%A/E	YR	GRTH	%	APP	ACT	%A/E	APP	ACT	%A/E	YR	GRTH	%	APP	ACT	%A/E	APP	ACT	%A/E	YR	GRTH	%			
K&D	30	34	113	245	252	103	217	16	75	57	76	605	602	60	46	-17	105	91	87	850	614	72	614	72	614	72	614			
MMR	20	56	280	160	272	170	144	89	70	51	73	625	993	159	500	99	107	119	785	1265	161	644	161	644	96	644				
B&C	5			80	154	193	210	-27	70	68	97	520	426	82	653	-35	75	68	91	600	580	97	863	97	863	33				
B&M	45			305			61	-100	50			395		195	-100	95			700					236	-100					
K&L	35	42	120	315	367	117	443	-17	40	45	113	280	280	279	100	284	-2	75	87	116	595	646	109	727	11	727				
G&A	10	12	120	87	195	224	57	242	70	25	36	700	368	53	208	77	80	37	46	787	563	72	265	112	265	112				
MPR	20	3	15	190	153	81	47	226	15			110	65	50	63	3	35	3	9	300	218	73	110	98						
EMD TOT	165	147	89	1382	1393	101	1179	18		390	246	63	3235	2493	77	2339	7		555	393	71	4617	3886	84	3518	10				
PLX																														
GR TOT	165	147	89	1382	1393	101	1179	18		390	246	63	3235	2493	77	2339	7		555	393	71	4617	3886	84	3518	10				
PLUXES																														
BNP	4	24		120		8																								
K&R	20	24		120		140		112		80		116		3																
DMR	13	4		31		112		52		58		28		107																
TOT	37	28		76		260		65		170		65		248		18														

IRON ORE DISTRIBUTION AND TRANSFERS
DECEMBER 2015
बनारस इस्पात संयंत्र

UNIT '000 TONNES

MINE	LUMP										FINES										TOTAL										
	FOR MONTH			TILL MONTH			LAST	GRTH	%	FOR MONTH			TILL MONTH			LAST	YR	GRTH	%	FOR MONTH			TILL MONTH			LAST	YR	GRTH	%		
	APP	ACT	%AF	APP	ACT	%AF				APP	ACT	%AF	APP	ACT	%AF					APP	ACT	%AF	APP	ACT	%AF					APP	ACT
KRR	5			45	49	109	101	51	-68	40			210	23	11	20	15	45		255	72	28	121	126	11	255	72	28	121	-40	
NBR					19		60						90	93	103	66	41	5		90	112	124			90	112	124				
BOI	5	18	360	85	242	285				135	67	50	75	548	56	33	1561		140	85	61	1060	790	75	33	2294	13	-100			
BAR							13	-100																							
KAI	30			240	109	45	53	106	10				75	100	133					40	73	84	315	209	66	53	294				
GUA	27	16	59	183	88	48	38	132	60	57	95	545	394	72	41	861		87					728	482	66	79	510				
MPR	20	30	150	145	87	60	42	107	25				150	66	44			45	30	67	295	153	52	42		264					
RMD TOT	87	64	74	698	594	85	307	93		275	124	45	2045	1224	60	160	665		362	188	52	2743	1818	66	467	289					
DRZ																															
PUR																															
GR TOT	87	64	74	698	594	85	307	93		275	124	45	2045	1224	60	160	665		362	188	52	2743	1818	66	467	289					
FLUXES																															
BNP																															
KRR																															
IDMR																															
TOT																															

IRON ORE DISTRIBUTION AND TRANSFERS
DECEMBER 2015
जिरी संस्थान संयंत्र

UNIT '000 TONNES

MINE	LUMP										FINES										TOTAL										
	FOR MONTH			TILL MONTH			LAST YR			GRTH %	FOR MONTH			TILL MONTH			LAST YR			GRTH %	FOR MONTH			TILL MONTH			LAST YR			GRTH %	
APP	ACT	%diff	APP	ACT	%diff	YR	APP	ACT	%diff		APP	ACT	%diff	YR	APP	ACT	%diff	YR	APP		ACT	%diff	YR	APP	ACT	%diff	YR	APP	ACT		%diff
KAB	10			90	67	74	86	16	25	73	292	225	269	120	46	485	35	73	209	315	107	104	223								
MBR					55		19	189			30	27	90	195	355	182	52	583	30	27	90	195	410	210	71	477					
BOL																															
BAR	5				45				35				285			159	-100		40		330			159	-100						
KAL																															
CLA	4				38	28	74	13	115					36		27	33		4		38	64	168	40		61					
MBR					4						12			39					12				43								
RMD TOT	19			173	154	89	90	71			90	112	124	705	699	99	284	146			109	112	103	878	853	97	374	128			
DWZ																															
PR																															
GR TOT	19			173	154	89	90	71			90	112	124	705	699	99	284	146			109	112	103	878	853	97	374	128			
FINES																															
INS																															
KIR	40				40	100																									
IDMR																															
TOT	40	40	100	330	403	122	282	43																							

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS
DECEMBER 2015
BSI+DSP+RSP+ISP+BSF

UNIT: 000 TONNES

MINE	LUMP										FINES										TOTAL										
	FOR MONTH					TILL MONTH					FOR MONTH					TILL MONTH					FOR MONTH					TILL MONTH					
	APP	ACT	%F	VR	GRTH	APP	ACT	%F	VR	GRTH	APP	ACT	%F	VR	GRTH	APP	ACT	%F	VR	GRTH	APP	ACT	%F	VR	GRTH	APP	ACT	%F	VR	GRTH	
KND	150	79	53	1170	846	81	827	7	23	240	179	75	1910	1539	80	1617	5	300	288	66	3080	2477	80	2844	-13	300	288	66	3080	2477	
NMR	90	101	112	815	856	99	782	7	270	270	188	70	2295	2468	104	1496	58	360	289	80	3130	3204	102	2278	41	360	289	80	3130	3204	
BOI	130	141	94	1225	1375	112	1101	25	350	326	93	2660	2407	90	402	210	500	467	93	3885	3782	97	3115	21	500	467	93	3885	3782		
BAV	70			510			74	-100	140			1050			402	115	450	115	210	87	76	910	907	100	1041	-13	210	87	76	910	907
KNA	65	42	65	555	500	90	591	-15	30	45	79	335	407	113	450	115	450	115	115	87	76	910	907	100	1041	-13	115	87	76	910	907
CLA	71	66	93	598	720	120	468	34	250	197	79	2110	1772	84	1150	54	321	263	82	2708	2492	92	1658	54	321	263	82	2708	2492		
NPR	40	36	90	335	275	89	167	65	40	25	63	260	238	92	386	28	80	61	76	395	513	86	353	45	80	61	76	395	513		
RMD TOT	636	465	73	5228	4654	89	4410	6	1340	960	72	10630	8721	82	7315	19	1976	1425	72	15858	13375	84	11725	14	1976	1425	72	15858	13375		
PRZ																															
GR TOT	636	465	73	5228	4654	89	4410	6	1340	960	72	10630	8721	82	7315	19	1976	1425	72	15858	13375	84	11725	14	1976	1425	72	15858	13375		
PLANTS																															
BNP	8			40																											
KTR	100	88	88	755	755	100	598	26																							
TDNR	26	12	46	224	185	83	148	25																							
TOT	134	100	75	1019	940	92	746	26																							

IRON ORE DISTRIBUTION AND TRANSFERS TO MEL, VISL, RINL & NINL
MANGANESE ORE DISTRIBUTION AND TRANSFERS TO MEL, ISCO & BSP
DECEMBER - 2015

		वीई अंतराह रीए				वीई अंतराह राइए				वीई अंतराह (अए+राइए)				UNIT 000 TONNES			
	FOR MONTH		TILL MONTH	LAST	GRTH		FOR MONTH		TILL MONTH	LAST	GRTH		FOR MONTH		TILL MONTH	LAST	GRTH
	APP	ACT	%FF	APP	ACT	%FF	APP	ACT	%FF	APP	ACT	%FF	APP	ACT	%FF	YR	%
GUA TO VISL	4			32	59	186							4				
KBR TO NINL																	
MBR TO KIOCL																	
MBR TO VISL	10			70	55	78											
MBR TO NINL																	
GUA TO PARK																	
BOL TO OIH																	
GUA TO ASP							20										
GUA TO NINL																	
KAL TO VISL																	
BAR TO VISL	5			35													
BAR TO AML																	
KBR TO PAPK																	
RMD TOT	19			137	114	83							39			282	130
							20									46	239
																	-46

FLUX MINES PERFORMANCE FOR AND UPTO THE MONTH OF
DECEMBER 2015

UNIT: 000 TONNES

PRODUCTION

MINE	PLAN 2015-16	FOR MONTH				TILL MONTH				GRTH % OVER 1STYR	
		TGT	ACT	%FF	LAST YR DEC 2014	OVER 1STYR DEC 2014	TGT	ACT	%FF		LAST YR 1STYR
KUTESHWAR	1045	100	87	87	70	24.3	750	706	94	553	27.7
TULSIDAMAR	300	26	14	54			223	176	79	135	30.4
BHAWANATHPUR											
TOTAL	1345	126	101	80	70	44.3	973	882	91	688	28.2

DESPATCH

MINE	PLAN	FOR MONTH				GRTH % OVER 1STYR DEC 2014	TILL MONTH				GRTH % OVER 1STYR
		TGT	ACT	%FF	LAST YR DEC 2014		PLAN	ACT	%FF	LAST YR	
KUTESHWAR	1045	100	88	88	76	15.8	755	755	100	598	26.3
TULSIDAMAR	300	26	12	46			224	185	83	148	25.0
BHAWANATHPUR	60	8					40				
TOTAL	1405	134	100	75	76	31.6	1019	940	92	746	26.0

Monthwise Performance against Last Year

Unit in Te	PREVIOUS YEAR FLUX PERFORMANCE 2014-15					
	KTR		Bhawandhpur		Tulsidamr	
	PROD	DESP	PROD	DESP	PROD	DESP
Apr-14	31296	28238			3501	34797
May-14	56940	60664			22707	34354
Jun-14	63497	60699			23940	23668
Jul-14	53825	60370			29682	27745
Aug-14	61344	72820			27198	27476
Sep-14	69649	76890			28291	34620
Oct-14	70348	80941				70348
Nov-14	76329	81078				76329
Dec-14	69897	77013				69897
Jan-15						77013
Feb-15						
Mar-15						
Total	553125	598712			135319	147863
					688444	746575

THIS YEAR FLUX PERFORMANCE 2015-16								
	KTR		Bhowanathpur		Tulsidamar		RMD TOTAL	
	PROD	DESP	PROD	DESP	PROD	DESP	PROD	DESP
Apr-15	48608	52396			30672	29563	79280	81959
May-15	45454	52270			31482	28888	76936	81158
Jun-15	57144	60778			23940	18933	81084	79711
Jul-15	97392	105006			21132	20243	118524	125249
Aug-15	95747	104888			15291	23756	111038	126644
Sep-15	101365	104348			14967	16192	116332	120540
Oct-15	93649	100808			14292	16016	107941	116824
Nov-15	78657	88626			11412	19636	90069	108262
Dec-15	87234	88554			13824	7652	101058	96206
Jan-16								
Feb-16								
Mar-16								
Total	705250	757674			177012	180878	882262	938552
Over Last Year								
Diff	152125	158962			41693	33015	193818	191977
%Chg	27.5	26.6	#DIV/0!		30.8	22.3	28.2	25.7

QUALITY ANALYSED AT PLANT
DECEMBER 2015
बीकानेर इस्पात संयंत्र

बीक अवरक रात												बीक अवरक कफिर												FLUX											
MINES																								MINES											
	NORM	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%		NORM	CaO%	MgO%	SiO ₂ %	OS%	US%																	
KRB		63	2.2	2.7	10	15	62.5	2.9	2.9	10	28		BNP		43	5	6.5	15	10																
	MTM ACT	64.08	2.04	1.74	17.95	19.35	63.10	3.00	2.18	11.40	30.79																								
CUM	2015-2016	64.12	2.03	1.68	17.62	19.77	62.94	2.90	2.51	10.94	30.05		CUM <td>2015-2016</td> <td></td> <td></td> <td></td> <td></td> <td></td> <th colspan="12"></th>	2015-2016																					
CUM	2014-2015	64.13	1.82	1.90	16.80	17.48	62.99	2.64	2.70	10.87	30.43		CUM <td>2014-2015</td> <td></td> <td></td> <td></td> <td></td> <td></td> <th colspan="12"></th>	2014-2015																					
MBR		62.5	2.9	2.6	15	15	62	3.9	2.9	5	30		TDM <td></td> <td>30</td> <td>18</td> <td>5</td> <td>5</td> <td>10</td> <th colspan="12"></th>		30	18	5	5	10																
	MTM ACT	63.86	2.26	1.84	14.95	25.76	62.49	3.71	2.34	5.48	35.95			MTM ACT	32.19	20.21	4.16	4.60	9.45																
CUM	2015-2016	63.81	2.34	1.83	14.69	26.51	62.19	3.81	2.67	5.24	36.06		CUM <td>2015-2016</td> <td>32.89</td> <td>20.92</td> <td>3.09</td> <td>4.63</td> <td>9.40</td> <th colspan="12"></th>	2015-2016	32.89	20.92	3.09	4.63	9.40																
CUM	2014-2015	63.77	2.27	1.95	16.92	21.42	62.28	3.71	2.69	6.25	35.32		CUM <td>2014-2015</td> <td>30.97</td> <td>19.01</td> <td>2.34</td> <td>4.70</td> <td>9.41</td> <th colspan="12"></th>	2014-2015	30.97	19.01	2.34	4.70	9.41																
GLA		62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40		KTR <td></td> <td>50</td> <td>2.25</td> <td>3.5</td> <td>5</td> <td>5</td> <th colspan="12"></th>		50	2.25	3.5	5	5																
	MTM ACT	63.93	2.16	1.83	15.31	24.33	63.14	2.83	2.30	3.79	37.19			MTM ACT	48.51	1.91	3.83	3.04	23.83																
CUM	2015-2016	64.11	2.01	1.73	15.66	20.94	62.98	2.95	2.41	3.58	37.19		CUM <td>2015-2016</td> <td>48.17</td> <td>2.33</td> <td>3.60</td> <td>3.03</td> <td>24.26</td> <th colspan="12"></th>	2015-2016	48.17	2.33	3.60	3.03	24.26																
CUM	2014-2015	63.93	2.17	1.83	17.61	18.73	63.22	2.65	2.36	4.31	36.34		CUM <td>2014-2015</td> <td>46.23</td> <td>2.31</td> <td>3.11</td> <td>3.71</td> <td>19.12</td> <th colspan="12"></th>	2014-2015	46.23	2.31	3.11	3.71	19.12																
BOI		62.6	2.5	2.7	10	10	62.7	2.8	2.9	10	30																								
	MTM ACT	64.01	2.01	1.86	13.93	24.89	63.11	2.66	2.51	5.67	35.08																								
CUM	2015-2016	64.04	1.92	1.89	14.72	23.76	62.78	2.89	2.75	4.95	36.04																								
CUM	2014-2015	63.84	2.02	2.11	15.97	19.21	62.96	2.71	2.68	5.78	34.89																								
BAR		62.5	2.7	2.7	18	15	62	3.1	3.1	8	40																								
	MTM ACT																																		
CUM	2015-2016																																		
CUM	2014-2015						60.95	3.13	4.96	8.61	35.08																								
KAL		63	2.1	2.3	10	10	63	2.4	2.5	5	40																								
	MTM ACT																																		
CUM	2015-2016	64.60	1.27	1.77	11.88	17.99	63.30	2.47	2.41	4.47	30.49																								
CUM	2014-2015	64.66	1.36	1.58	9.78	13.38	63.66	2.15	2.26	5.44	31.57																								
MPR		63	1.8	2.4	10	10	62.50	2.50	2.60	5.00	40																								
	MTM ACT						63.26	2.48	2.47	5.30	32.23																								
CUM	2015-2016	64.76	1.32	1.49	13.16	15.67	63.55	2.16	2.38	4.70	30.85																								
CUM	2014-2015	64.73	1.24	1.60	13.00	13.45	63.85	1.81	2.19	5.13	32.30																								

QUALITY ANALYSED AT PLANT
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द्वितीय इन्सात सत्र

नई अयस्क सत्र										नई अयस्क कचिरा										FLUX									
MINES												MINES																	
		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%			CaO%	MgO%	SiO ₂ %	OS%	US%											
KRB	NORM	63	2.2	2.7	10	15	62.5	2.9	2.9	10	28	BE LST	NORM	43	5	6.5	15	10											
	MTM ACT											BNP	MTM ACT																
	CUM	2015-2016					63.34	1.50	2.25	9.52	18.80	CUM	2015-2016																
	CUM	2014-2015	62.23	1.58	2.88	8.78	16.35	61.95	2.62	3.24	14.90	23.58	CUM	2014-2015															
MBR	NORM	62.5	2.9	2.6	15	15	62	3.9	2.9	5	30	TDN	NORM	30	18	5	5	10											
	MTM ACT						62.80	4.30	1.40	6.00	54.70		MTM ACT																
	CUM	2015-2016	63.14	2.08	1.93	9.31	28.45	60.87	5.32	2.74	5.66	40.80	CUM	2015-2016															
	CUM	2014-2015	62.23	2.85	2.85	7.41	30.26	61.27	4.57	3.18	8.07	39.46	CUM	2014-2015	27.80	17.30	4.30	61.00	7.60										
GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	KTR	NORM	50	2.25	3.5	5	5											
	MTM ACT						61.90	3.68	2.30	11.83	12.98	63.29	MTM ACT																
	CUM	2015-2016	62.65	2.76	1.83	14.23	15.50	63.12	2.88	2.03	2.80	49.09	CUM	2015-2016	45.50	2.50	4.40	12.90	24.00										
	CUM	2014-2015	62.19	3.01	2.83	14.70	17.57	62.13	2.97	3.25	3.85	43.68	CUM	2014-2015	47.08	1.55	6.18	32.58	14.93										
BOI	NORM	62.6	2.5	2.7	10	10	62.7	2.8	2.9	10	30																		
	MTM ACT						63.67	1.87	1.60	12.83	15.94	63.23	MTM ACT																
	CUM	2015-2016	62.81	2.10	2.14	11.41	16.08	62.55	2.68	2.78	8.52	40.22	CUM	2015-2016															
	CUM	2014-2015	62.03	2.83	2.94	8.55	19.33	62.17	3.01	3.19	8.67	38.59	CUM	2014-2015															
BAR	NORM	62.5	2.7	2.7	18	15	62	3.1	3.1	8	40																		
	MTM ACT																												
	CUM	2015-2016																											
	CUM	2014-2015					57.70	4.45	6.60	17.60	34.30																		
KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40																		
	MTM ACT																												
	CUM	2015-2016																											
	CUM	2014-2015																											

QUALITY ANALYSED AT PLANT
DECEMBER 2015
गिरसोली इस्पात संयंत्र

गैर शरकर भाग											गैर शरकर पार्ट्स											FILUX										
MINES											MINES											FLUX										
		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%																					
KRB	NORM	63	2.2	2.7	10	15	62.5	2.9	2.9	10	28	BNP	NORM	43	5	6.5	15	10														
	MTI ACT	62.99	2.79	2.06	21.40	19.00	61.96	3.49	2.74				MTI ACT																			
	2015-2016	62.83	2.61	2.32	20.48	18.65	61.84	3.32	2.77				2015-2016																			
	CUM	63.05	2.34	2.32	17.68	18.66	62.22	2.92	2.62				CUM																			
MBR	NORM	62.5	2.9	2.6	15	15	62	3.9	2.9	5	30	KTR	NORM	50	2.25	3.5	5	5														
	MTI ACT	62.79	3.08	2.18	20.45	20.73	61.97	3.71	2.56				MTI ACT	49.17	2.47	3.28																
	2015-2016	62.84	3.05	2.42	21.39	19.69	62.14	3.14	2.51				2015-2016	48.68	3.00	3.50																
	CUM	62.91	3.64	3.59	18.84	18.13	62.15	2.93	2.73				CUM																			
BAR	NORM	62.5	2.7	2.7	18	15	62	3.1	3.1	8	40	TDM	NORM	30	18	5	5	10														
	MTI ACT												MTI ACT																			
	2015-2016												2015-2016																			
	CUM	62.74	2.26	2.53	20.81	24.00	61.80	2.74	3.45				CUM																			
KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40	TDM	NORM	30	18	5	5	10														
	MTI ACT	63.15	2.45	2.34	16.83	19.33	62.68	2.93	2.18				MTI ACT																			
	2015-2016	63.57	1.96	2.03	17.77	17.76	62.93	2.44	2.14				2015-2016																			
	CUM	63.33	2.01	2.28	18.24	16.97	62.93	2.32	2.41				CUM																			
MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40	TDM	NORM	30	18	5	5	10														
	MTI ACT	63.05	2.10	2.60	21.50	17.00							MTI ACT																			
	2015-2016	63.61	1.86	1.98	18.13	15.47	63.06	2.36	2.04	8.16	37.38		2015-2016																			
	CUM	63.47	2.05	2.15	26.27	15.86	62.44	2.37	3.00	7.49	38.26		CUM																			
GVA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	PVT PUR	NORM	50	2.25	3.5	5	5														
	MTI ACT	63.21	2.61	2.20	17.00	26.00	61.94	3.35	2.57				MTI ACT																			
	2015-2016	63.13	2.44	2.21	16.98	21.95	62.06	3.09	2.53				2015-2016																			
	CUM	63.01	2.38	2.40	16.52	22.21	62.34	2.69	2.66				CUM																			
BOL	NORM	62.6	2.5	2.7	10	10	62.7	2.8	2.9	10	30	SMS DOLO	NORM	50	2.25	3.5	5	5														
	MTI ACT												MTI ACT																			
	2015-2016	62.81	2.62	2.29	15.97	17.06	62.03	3.10	2.65				2015-2016																			
	CUM	62.74	2.79	2.23	19.21	17.25	62.22	2.86	2.74				CUM																			

QUALITY ANALYSED AT PLANT
DECEMBER 2015
बर्फ़े प्रपात संज्ञ

		बर्फ़े प्रपात संज्ञ					बर्फ़े प्रपात संज्ञ संज्ञ					FLUX						
		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%	MINES		CaO%	MgO%	SiO ₂ %	OS%	US%
GUA	NORM	62.5	2.7	2.6	10	10	62.5	2.9	2.8	5	40	BNP	NORM	43	5	6.5	15	10
	MTH ACT	62.97	2.87	2.23	24.62	12.38	62.48	2.48	3.39	3.22	73.62							
	CUM	2015-2016	62.98	2.48	2.57	22.39	12.00	62.71	2.97	3.44	63.60							
	CUM	2014 - 2015	63.07	1.63	2.61	28.00	11.16											
MPR	NORM	63	2	2.2	10	10	63	2.4	2.6	5	40	KTR	NORM	50	2.25	3.5	5	5
	MTH ACT	64.30	1.08	2.99	28.53	14.45												
	CUM	2015-2016	62.81	2.40	3.02	25.27	15.09	59.72	3.00	5.66	51.52							
	CUM	2014 - 2015	63.33	1.43	2.88	18.01	11.21											
BOL	NORM	62.6	2.5	2.7	10	10	62.7	2.8	2.9	10	30	TDM	NORM	30	18	5	5	10
	MTH ACT	64.53	1.16	1.84	29.54	16.98	61.85	2.29	3.74	6.36	68.48							
	CUM	2015-2016	63.61	1.86	2.73	21.04	21.50	62.30	2.65	3.92	5.16							
	CUM	2014 - 2015	63.26	1.48	2.81	25.15	15.52											
MBR	NORM	62.5	2.9	2.6	15	15	62	3.9	2.9	5	30							
	MTH ACT	63.66	2.83	2.24	20.83	16.40	61.10	4.16	3.54	9.38	65.98							
	CUM	2015-2016	63.32	1.76	2.54	25.62	13.10											
	CUM	2014 - 2015																
BAR	NORM	62.5	2.7	2.7	18	15	62	3.1	3.1	8	40							
	MTH ACT																	
	CUM	2015-2016																
	CUM	2014 - 2015	62.50	1.60	2.60	12.25	11.05											
KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	5	40							
	MTH ACT	63.87	1.69	2.24	25.83	11.74	61.62	3.33	4.61	4.29	50.40							
	CUM	2015-2016	63.05	2.23	3.04	16.63	11.78											
	CUM	2014 - 2015																
KRB	NORM	63	2.2	2.7	10	15	62.5	2.9	2.9	10	28							
	MTH ACT	64.25	1.28	2.27	24.94	13.94	60.90	4.05	3.93	12.97	58.47							
	CUM	2015-2016																
	CUM	2014 - 2015	63.00	1.62	2.70	27.18	13.33											

QUALITY ANALYSED AT OTHER PLANTS
DECEMBER 2015
शैलेश डायल नगर

शैलेश अग्ररत्नक लक्ष्मण										शैलेश अग्ररत्नक फाहल्लस										फलरत्नस									
MINES																		MINES											
	Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%		Fe%	SiO ₂ %	Al ₂ O ₃ %	OS%	US%		BNP		CaO%	MgO%	SiO ₂ %	OS%	US%										
KRB	NORM	63.00	2.20	2.70	10.00	15.00	62.50	2.90	2.90	10.00	28.00		NORM	43.00	5.00	6.50	15.00	10.00											
	MTH ACT						63.34	3.21	2.17	13.81	36.26		MTH ACT																
CUM	2015-16	65.16	2.14	1.72	34.60	10.48	63.21	2.92	2.03	14.94	33.32	CUM	2015-16																
CUM	2014-15	64.94	2.11	1.76	31.96	12.66	62.35	3.05	2.81	10.63	23.10	CUM	2014-15																
MBR						TDM						NORM																	
	NORM	62.50	2.90	2.60	15.00	15.00	62.00	3.90	2.90	5.00	30.00		NORM	30.00	18.00	5.00	5.00	10.00											
	MTH ACT						62.79	4.15	2.23	9.40	47.10		MTH ACT																
CUM	2015-16	63.24	4.68	1.98	26.16	15.31	61.96	4.93	2.44	7.65	43.36	CUM	2015-16																
CUM	2014-15	63.81	3.76	1.97	36.50	13.13	62.23	4.71	2.40	3.70	43.69	CUM	2014-15																
GUA						KTR						NORM																	
	NORM	62.50	2.70	2.60	10.00	10.00	62.50	2.90	2.80	5.00	40.00		NORM	50.00	2.25	3.50	5.00	5.00											
	MTH ACT						62.96	3.41	2.44	4.58	49.48		MTH ACT	48.80	2.83	4.27	8.15	18.95											
CUM	2015-16	64.82	2.01	1.78	38.62	10.09						CUM	2015-16	48.80	2.92	4.11	5.36	20.33											
CUM	2014-15	64.76	2.59	1.88	30.73	15.27	61.84	3.45	3.12	6.53	30.87	CUM	2014-15	48.74	2.80	4.39	6.13	19.55											
BAR						CUM						NORM																	
	NORM	62.50	2.70	2.70	18.00	15.00	62.00	3.10	3.10	8.00	40.00		NORM																
	MTH ACT												MTH ACT																
CUM	2015-16						58.46	3.72	6.45	7.58	36.43		CUM	2015-16															
CUM	2014-15	64.35	1.95	3.21	8.60	11.10							CUM	2014-15															
MPR						CUM						NORM																	
	NORM	63.00	2.00	2.20	10.00	10.00	63.00	2.40	2.60	5.00	40.00		NORM																
	MTH ACT						62.82	2.51	2.97	2.95	49.80		MTH ACT																
CUM	2015-16	65.97	1.59	1.46	44.30	12.00						CUM	2015-16	63.06	2.75	3.80	2.96	48.19											
CUM	2014-15											CUM	2014-15																

IRON ORE QUALITY ANALYSED AT PLANT
DECEMBER 2015
STEEL PLANT-WISE BLEND QUALITY

IRON ORE LUMP	IRON ORE FINES
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STEEL PLANT		Fe%	SiO ₂ %	Al ₂ O ₃ %	Fe%	SiO ₂ %	Al ₂ O ₃ %
BOKARO STEEL PLANT	NORM	62.70	2.55	2.70	62.30	3.30	2.90
	MTM ACT	63.98	2.10	1.82	62.87	3.16	2.35
	CUM	64.03	2.07	1.78	62.68	3.18	2.60
CUM	LAST YR	63.99	1.98	1.92	62.86	2.93	2.61

DURGAPUR STEEL PLANT	NORM	62.50	2.60	2.70	62.40	3.00	2.90
	MTM ACT	63.25	2.30	1.77	63.25	2.58	2.14
	CUM	62.77	2.30	2.04	62.69	2.85	2.47
CUM	LAST YR	62.08	2.83	2.91	62.07	3.08	3.22

ROURKELA STEEL PLANT	NORM	62.80	2.40	2.50	62.45	3.00	2.90
	MTM ACT	63.04	2.74	2.18	62.32	3.26	2.50
	CUM	63.29	2.36	2.14	62.31	3.03	2.50
CUM	LAST YR	63.16	2.41	2.49	62.25	2.80	2.74

* Blend Quality is weighted average quality based on Despatches as weighages

गणवत्ता :: बोकारो
किरीबुरु

लक्षण

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15	64.13	1.82	1.90	16.80	17.48	3.72	1.04
APP 15-16	63.00	2.20	2.70	10.00	15.00	4.90	1.23
Apr-15	63.83	1.98	2.14	17.46	20.04	4.12	1.08
May-15	64.49	1.51	1.68	18.63	19.64	3.19	1.11
Jun-15	64.57	1.46	1.58	18.00	17.92	3.04	1.08
Jul-15	64.35	1.78	1.61	17.76	18.44	3.39	0.90
Aug-15	63.74	2.54	1.73	17.03	20.19	4.27	0.68
Sep-15	64.15	2.33	1.36	16.71	20.84	3.69	0.58
Oct-15	64.09	2.21	1.56	17.26	21.17	3.77	0.71
Nov-15	63.81	2.41	1.75	16.83	21.08	4.16	0.73
Dec-15	64.08	2.04	1.74	17.95	19.35	3.78	0.85
Jan-16							
Feb-16							
Mar-16							
CUMML	64.12	2.03	1.68	17.62	19.77	3.71	0.83

अंधाशुनबुरु

लक्षण

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15	63.77	2.27	1.95	16.92	21.42	4.22	0.86
APP 15-16	62.50	2.90	2.60	15.00	15.00	5.50	0.90
Apr-15	63.41	2.33	2.36	14.58	31.73	4.69	1.01
May-15	64.02	1.79	2.07	16.25	26.33	3.86	1.16
Jun-15	64.21	1.95	1.64	14.01	28.84	3.59	0.84
Jul-15	64.30	1.81	1.67	14.57	26.36	3.48	0.92
Aug-15	63.51	2.67	1.92	14.65	24.48	4.59	0.72
Sep-15	63.81	2.71	1.46	14.47	27.37	4.17	0.54
Oct-15	63.60	2.76	1.70	13.98	25.87	4.46	0.62
Nov-15	63.51	2.77	1.82	15.05	24.29	4.59	0.66
Dec-15	63.86	2.26	1.84	14.95	25.76	4.10	0.81
Jan-16							
Feb-16							
Mar-16							
CUMML	63.81	2.34	1.83	14.69	26.51	4.17	0.78

गणवत्ता :: बोकारो
किरीबुरु
फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15	62.99	2.64	2.70	10.87	30.43	5.34	1.02
APP 15-16	62.50	2.90	2.90	10.00	28.00	5.80	1.00
Apr-15	63.42	2.33	2.40	11.39	30.44	4.73	1.03
May-15	63.12	2.47	2.69	11.07	31.77	5.16	1.09
Jun-15	62.80	2.68	2.93	11.24	28.45	5.61	1.09
Jul-15	62.67	3.12	2.67	10.92	29.05	5.79	0.86
Aug-15	63.07	2.75	2.47	10.62	28.77	5.22	0.90
Sep-15	63.04	3.04	2.23	10.88	29.62	5.27	0.73
Oct-15	62.40	3.78	2.40	10.71	30.54	6.18	0.63
Nov-15	62.92	2.67	2.52	10.97	29.70	5.19	0.94
Dec-15	63.10	3.00	2.18	11.40	30.79	5.18	0.73
Jan-16							
Feb-16							
Mar-16							
CUMML	62.94	2.90	2.51	10.94	30.05	5.41	0.87

अंधाशुनबुरु

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15	62.28	3.71	2.69	6.25	35.32	6.40	0.73
APP 15-16	62.00	3.90	2.90	5.00	30.00	6.80	0.74
Apr-15	62.20	3.77	2.65	5.42	36.30	6.42	0.70
May-15	61.97	3.95	2.86	4.81	37.23	6.81	0.72
Jun-15	61.63	4.12	3.11	4.95	36.71	7.23	0.75
Jul-15	61.88	4.33	2.60	4.91	36.31	6.93	0.60
Aug-15	62.36	3.60	2.64	5.22	34.38	6.24	0.73
Sep-15	62.48	3.44	2.62	5.94	35.50	6.06	0.76
Oct-15	62.34	3.73	2.54	5.19	35.83	6.27	0.68
Nov-15	62.25	3.73	2.66	5.12	36.06	6.39	0.71
Dec-15	62.49	3.71	2.34	5.48	35.95	6.05	0.63
Jan-16							
Feb-16							
Mar-16							
CUMML	62.19	3.81	2.67	5.24	36.06	6.48	0.70

बोलानी
गणवत्ता:: दर्जीपूर
रफ्त

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15	62.03	2.83	2.94	8.55	19.33	5.77	1.04
APP 15-16	62.60	2.50	2.70	10.00	10.00	5.20	1.08
Apr-15	62.93	1.33	2.32	12.56	18.85	3.65	1.74
May-15	62.59	1.81	2.49	15.31	14.62	4.30	1.38
Jun-15	62.88	2.04	2.15	8.08	17.91	4.19	1.05
Jul-15	62.63	1.89	2.27	7.77	16.37	4.16	1.20
Aug-15	62.72	2.55	2.28	10.05	16.23	4.83	0.89
Sep-15	61.80	3.78	2.26	9.48	17.24	6.04	0.60
Oct-15	62.88	2.11	1.94	15.52	14.09	4.05	0.92
Nov-15	63.17	1.52	1.96	11.83	14.24	3.48	1.29
Dec-15	63.67	1.87	1.60	12.83	15.94	3.47	0.86
Jan-16							
Feb-16							
Mar-16							
CUMML	62.81	2.10	2.14	11.41	16.08	4.24	1.02

गुआ

रफ्त

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15	62.19	3.01	2.83	14.70	17.57	5.84	0.94
APP 15-16	62.20	2.70	2.60	10.00	10.00	5.30	0.96
Apr-15	62.35	2.15	2.40	19.30	10.70	4.55	1.12
May-15	64.12	1.30	1.16	9.18	12.96	2.46	0.89
Jun-15	63.50	1.45	1.96	13.23	13.16	3.41	1.35
Jul-15	63.00	2.17	1.27	16.73	15.30	3.44	0.59
Aug-15	61.50	4.31	2.26	15.77	16.83	6.57	0.52
Sep-15	62.02	3.98	2.03	18.83	22.68	6.01	0.51
Oct-15	62.63	3.00	1.59	13.38	12.71	4.59	0.53
Nov-15	63.78	1.68	1.35	14.57	18.50	3.03	0.80
Dec-15	61.90	3.68	2.30	11.83	12.98	5.98	0.63
Jan-16							
Feb-16							
Mar-16							
CUMML	62.65	2.76	1.83	14.23	15.50	4.59	0.66

बोलानी
गणवत्ता:: दर्जीपूर
फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15	62.17	3.01	3.19	8.67	38.59	6.20	1.06
APP 15-16	62.70	2.80	2.90	10.00	30.00	5.70	1.04
Apr-15	61.98	2.45	3.27	7.10	38.56	5.72	1.33
May-15	62.25	2.92	3.19	3.74	46.17	6.11	1.09
Jun-15	62.40	3.11	2.92	4.83	38.97	6.03	0.94
Jul-15	62.59	2.16	2.96	4.19	38.69	5.12	1.37
Aug-15	62.67	2.90	2.70	3.59	38.83	5.60	0.93
Sep-15	62.21	3.46	2.53	6.70	34.43	5.99	0.73
Oct-15	62.66	2.30	2.62	9.03	37.25	4.92	1.14
Nov-15	63.09	2.42	2.42	8.78	38.65	4.84	1.00
Dec-15	63.23	2.43	2.34	8.52	40.22	4.77	0.96
Jan-16							
Feb-16							
Mar-16							
CUMML	62.55	2.68	2.78	6.40	38.94	5.46	1.04

गुआ

फाईन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15	62.13	2.97	3.25	3.85	43.68	6.22	1.09
APP 15-16	62.50	2.90	2.80	5.00	40.00	5.70	0.97
Apr-15	62.08	3.03	2.64	2.28	42.84	5.67	0.87
May-15	62.13	3.00	2.54	2.14	43.92	5.54	0.85
Jun-15	61.21	3.75	3.48	3.04	43.30	7.23	0.93
Jul-15	63.90	2.19	1.57	2.53	47.53	3.76	0.72
Aug-15	63.94	2.77	1.56	2.07	53.38	4.33	0.56
Sep-15	63.55	3.37	1.56	1.63	53.96	4.93	0.46
Oct-15	63.84	3.02	1.40	1.67	55.01	4.42	0.46
Nov-15	63.66	2.38	1.80	4.69	45.41	4.18	0.76
Dec-15	63.29	2.78	1.82	3.83	51.71	4.60	0.65
Jan-16							
Feb-16							
Mar-16							
CUMML	63.12	2.88	2.03	2.50	49.09	4.91	0.70

8.24

मासिक

अध्य

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al:Si	Al:Si
Act 14-15	63.33	2.01	2.28	18.24	16.97	4.29	1.13
App 15-16	63.00	2.10	2.30	10.00	10.00	4.40	1.10
Apr-15	63.72	1.75	2.10	18.29	16.71	3.65	1.20
May-15	64.44	1.46	1.46	18.00	17.60	2.92	1.00
Jun-15	63.59	1.83	2.12	17.33	18.00	3.95	1.16
Jul-15	63.61	1.76	2.00	18.50	17.61	3.76	1.14
Aug-15	63.85	1.70	1.74	18.13	17.85	3.44	1.02
Sep-15	63.39	2.27	2.19	17.29	16.43	4.46	0.86
Oct-15	63.37	2.34	2.10	18.00	17.25	4.44	0.90
Nov-15	62.95	2.23	2.20	18.43	17.66	4.43	0.99
Dec-15	63.15	2.45	2.34	16.83	19.33	4.79	0.96
Jan-16							
Feb-16							
Mar-16							
CUMM	63.57	1.96	2.03	17.77	17.76	4.00	1.04

द्वितीय

अध्य

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al:Si	Al:Si
Act 14-15	62.22	2.92	2.62			5.54	0.90
App 15-16	62.50	2.90	2.90	10.00	28.00	5.80	1.00
Apr-15	61.89	2.87	3.02			5.89	1.05
May-15	62.31	2.92	2.27			5.19	0.78
Jun-15	61.74	3.07	2.86			5.93	0.93
Jul-15	61.87	3.13	2.37			5.50	0.76
Aug-15							
Sep-15	62.06	3.16	2.63			5.79	0.83
Oct-15	61.87	3.35	2.68			6.03	0.80
Nov-15	61.12	3.98	3.30			7.28	0.83
Dec-15	61.96	3.49	2.74			6.23	0.79
Jan-16							
Feb-16							
Mar-16							
CUMM	61.84	3.32	2.77			6.09	0.83

तृतीय

गणवतः :: पाठकेल

अध्य

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al:Si	Al:Si
Act 14-15	63.05	2.34	2.32	17.68	18.46	4.56	0.99
App 15-16	63.00	2.20	2.70	10.00	15.00	4.70	1.23
Apr-15	63.41	1.99	2.36	18.75	17.62	4.35	1.19
May-15	63.75	1.85	1.95	24.00	16.00	3.60	1.05
Jun-15	62.98	2.63	2.03	21.53	17.21	4.66	0.77
Jul-15	62.36	2.87	2.96	21.15	18.31	5.13	0.79
Aug-15	62.29	2.67	2.24				
Sep-15	62.56	2.34	2.75	20.80	21.30	5.09	0.84
Oct-15	62.83	2.69	2.25	21.00	19.00	4.94	1.18
Nov-15	62.49	3.08	2.57	22.11	19.00	5.65	0.83
Dec-15	62.99	2.79	2.06	21.40	19.00	4.85	0.74
Jan-16							
Feb-16							
Mar-16							
CUMM	62.83	2.61	2.32	20.48	18.65	4.93	0.89

मासिक

अध्य

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al:Si	Al:Si
Act 14-15	62.93	2.32	2.41			4.73	1.04
App 15-16	63.00	2.40	2.50	5.00	40.00	4.90	1.04
Apr-15	62.89	2.28	2.48			4.76	1.09
May-15	63.73	1.86	1.65			3.53	0.86
Jun-15	63.06	1.96	2.31			4.29	1.17
Jul-15	63.51	1.99	1.87			3.86	0.94
Aug-15	63.36	1.76	2.28			4.04	1.30
Sep-15	62.95	2.28	2.01			4.29	0.86
Oct-15	62.14	3.96	2.46			5.82	0.73
Nov-15	62.90	2.53	2.61			5.14	1.03
Dec-15	62.68	2.93	2.18			5.11	0.74
Jan-16							
Feb-16							
Mar-16							
CUMM	62.93	2.44	2.14			4.58	0.88

चतुर्थ

अध्य

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al:Si	Al:Si
Act 14-15	62.15	2.93	2.73			5.66	0.93
App 15-16	62.00	3.90	2.90	10.00	10.00	6.80	0.74
Apr-15	62.31	3.07	2.57			5.64	0.84
May-15	62.60	2.64	2.33			4.97	0.88
Jun-15	61.89	3.00	2.73			5.73	0.91
Jul-15	61.80	3.30	2.40			5.70	0.73
Aug-15	62.28	2.99	1.95			4.94	0.65
Sep-15	62.16	3.10	2.44			5.54	0.79
Oct-15	61.80	3.57	2.70			6.27	0.76
Nov-15	61.49	3.70	3.06			6.78	0.83
Dec-15	61.97	3.71	2.56			6.27	0.65
Jan-16							
Feb-16							
Mar-16							
CUMM	62.14	3.14	2.51			5.65	0.80

पंचम

गणवतः :: पाठकेल

अध्य

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al:Si	Al:Si
Act 14-15	62.91	3.44	3.59	18.84	18.13	7.23	0.99
App 15-16	62.50	2.90	2.40	15.00	15.00	6.60	0.80
Apr-15	63.27	2.57	2.72	23.33	17.33	4.63	0.84
May-15	63.29	2.24	2.22	21.40	20.40	4.46	0.99
Jun-15	63.30	2.08	2.33	20.00	17.00	4.41	1.12
Jul-15	62.19	3.92	1.75	21.65	17.60	5.67	0.45
Aug-15	62.33	3.13	1.95	21.33	17.33	5.08	0.62
Sep-15	62.62	2.45	2.80	21.00	18.70	5.25	1.14
Oct-15	62.62	3.05	2.32	21.25	20.00	5.37	0.78
Nov-15	61.53	4.05	3.00	21.70	19.30	7.05	0.74
Dec-15	62.79	3.08	2.18	20.45	20.73	5.26	0.71
Jan-16							
Feb-16							
Mar-16							
CUMM	62.84	3.05	2.42	21.39	19.69	5.47	0.79

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QUALITY :: IISCO
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QUALITY :: IISCO
फर्गिन्स

गुणवत्ता :: बर्गप्प
फर्गिन्स

फर्गिन्स

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	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15							
Apr 15-16	62.50	2.90	2.90	10.00	28.00	5.80	1.00
Apr-15	60.89	5.03	3.13	22.07	59.80	8.16	0.62
May-15							
Jun-15							
Jul-15							
Aug-15							
Sep-15							
Oct-15	59.48	5.52	5.08	5.84	67.70	10.60	0.92
Nov-15	62.12	1.61	3.59	10.81	47.90	5.20	2.23
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMML	60.90	4.05	3.93	12.91	58.47	7.99	1.26

भोगलुबुक्

फर्गिन्स

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फर्गिन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15							
Apr 15-16	62.00	3.90	2.90	5.00	30.00	6.80	0.74
Apr-15	61.30	3.43	4.53	15.77	61.38	7.96	1.32
May-15	61.40	3.61	2.74	2.99	70.57	6.35	0.76
Jun-15	60.60	5.45	3.36			8.81	0.62
Jul-15							
Aug-15							
Sep-15							
Oct-15							
Nov-15							
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMML	61.10	4.16	3.54	9.38	65.98	7.71	0.90

बर्गप्प

फर्गिन्स

फर्गिन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15							
Apr 15-16	62.00	3.10	3.10	8.00	40.00	6.20	1.00
Apr-15							
May-15							
Jun-15							
Jul-15							
Aug-15							
Sep-15							
Oct-15							
Nov-15							
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMML							

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15							
Apr 15-16	62.70	2.80	2.90	10.00	30.00	5.70	1.04
Apr-15	62.12	2.20	4.65	9.45	60.19	6.85	2.11
May-15	61.54	2.44	4.52	2.08	61.11	6.96	1.85
Jun-15	62.40	2.53	3.84	6.50	41.81	6.37	1.52
Jul-15	63.15	2.92	3.44	2.78	52.72	6.36	1.18
Aug-15	63.05	2.39	3.43	3.26	56.79	5.82	1.44
Sep-15	62.00	3.63	3.79	4.68	59.41	7.42	1.04
Oct-15	61.83	2.87	4.47	6.75	57.25	7.34	1.56
Nov-15	62.77	2.58	3.37	4.56	72.59	5.95	1.31
Dec-15	61.85	2.29	3.74	6.36	68.48	6.03	1.63
Jan-16							
Feb-16							
Mar-16							
CUMML	62.30	2.65	3.92	5.16	58.93	6.57	1.52

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15							
Apr 15-16	62.50	2.90	2.80	5.00	40.00	5.70	0.97
Apr-15	60.84	3.53	4.46	14.89	59.18	7.99	1.26
May-15	61.16	3.04	3.92	1.44	61.92	6.96	1.29
Jun-15	61.59	3.84	4.23	3.48	42.26	8.07	1.10
Jul-15	63.24	3.18	3.77	1.30	63.27	6.95	1.19
Aug-15	64.31	2.68	2.66	1.52	63.68	5.34	0.99
Sep-15	63.57	2.64	3.03	2.38	62.94	5.67	1.15
Oct-15	63.72	2.96	2.67	0.99	65.30	5.63	0.90
Nov-15	63.45	2.40	2.84	1.25	60.22	5.24	1.18
Dec-15	62.48	2.48	3.39	3.22	73.62	5.87	1.37
Jan-16							
Feb-16							
Mar-16							
CUMML	62.71	2.97	3.44	3.39	63.60	6.41	1.16

फर्गिन्स

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फर्गिन्स

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15							
Apr 15-16	63.00	2.40	2.50	5.00	40.00	4.90	1.04
Apr-15	62.49	2.16	3.62	11.77	65.57	5.78	1.68
May-15	58.43	3.81	5.10	0.73	63.61	8.91	1.34
Jun-15	61.40	4.37	5.92	1.20	39.90	10.29	1.35
Jul-15	63.53	3.61	4.71	1.41	43.77	8.32	1.30
Aug-15	61.84	3.85	3.65	2.56	60.86	7.50	0.95
Sep-15	63.23	2.90	3.65	2.87	30.56	6.55	1.26
Oct-15	60.26	3.31	5.65	2.11	50.58	8.96	1.71
Nov-15	61.79	2.61	4.57	11.67	48.33	7.18	1.73
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMML	61.62	3.33	4.61	4.29	50.40	7.94	1.42

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act 14-15							
Apr 15-16	62.60	2.90	2.80	8.00	34.00	5.70	0.97
Apr-15	61.49	3.02	4.48	12.96	57.31	7.51	1.48
May-15	60.99	3.34	3.61	1.95	59.04	6.94	1.08
Jun-15	61.77	3.33	4.23	4.80	39.76	7.56	1.27
Jul-15	62.94	3.02	3.83	2.26	53.37	6.85	1.27
Aug-15	63.18	2.62	3.32	2.76	58.90	5.94	1.26
Sep-15	62.40	3.26	3.56	3.80	56.41	6.82	1.09
Oct-15	62.28	2.99	4.03	3.58	60.02	7.01	1.35
Nov-15	62.65	2.55	3.47	4.36	72.05	6.02	1.36
Dec-15	62.13	2.37	3.59	4.99	70.73	5.96	1.51
Jan-16							
Feb-16							
Mar-16							
CUMML	62.12	2.96	3.88	5.02	59.86	6.85	1.31

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फैलीङ्स गुणवत्ता : बेसिक्

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15	63.00	1.67	2.70	27.18	13.33	4.31	1.66
App-15-16	63.00	2.20	2.70	10.00	15.00	4.90	1.23
Apr-15	64.44	1.17	2.71	26.95	16.25	3.86	2.32
May-15	63.73	1.54	1.92	31.95	14.00	3.46	1.25
Jun-15	64.52	1.21	2.25	10.10	11.40	3.46	1.86
Jul-15	63.26	1.36	2.66	28.00	10.40	4.02	1.96
Aug-15							
Sep-15	64.83	1.12	1.61	28.50	16.00	2.73	1.44
Oct-15	64.71	1.29	2.47	24.15	15.40	3.76	1.91
Nov-15							
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMM	64.25	1.28	2.27	24.94	13.94	3.55	1.79

बोलोनी गुणवत्ता : बेसिक्

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15	63.26	1.48	2.81	25.12	15.52	4.28	1.90
App-15-16	62.60	2.50	2.70	10.00	10.00	5.20	1.08
Apr-15	62.40	1.46	2.83	18.35	16.88	4.31	1.91
May-15	64.60	1.34	1.90	20.25	10.15	3.24	1.42
Jun-15	64.33	1.60	4.06	15.85	10.90	5.66	2.54
Jul-15	63.15	2.51	2.50	16.92	15.12	5.01	1.00
Aug-15	64.10	2.05	2.17	20.97	15.05	4.22	1.06
Sep-15	62.25	3.39	2.80	22.25	16.70	6.19	0.83
Oct-15	63.80	1.05	3.50	22.67	14.70	4.55	3.33
Nov-15	63.35	2.18	2.97	22.54	14.05	5.15	1.36
Dec-15	64.53	1.16	1.84	29.54	16.98	3.00	1.59
Jan-16							
Feb-16							
Mar-16							
CUMM	63.61	1.86	2.73	21.04	14.50	4.59	1.67

DRZ गुणवत्ता : बेसिक्

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15							
App-15-16							
Apr-15							
May-15							
Jun-15							
Jul-15							
Aug-15							
Sep-15							
Oct-15							
Nov-15							
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMM							

शुभलुङ्गे

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15	63.32	1.76	2.54	25.62	13.10	4.29	1.45
App-15-16	62.50	2.90	2.60	15.00	15.00	5.50	0.90
Apr-15	61.87	4.50	2.59	11.70	19.50	7.09	0.58
May-15							
Jun-15							
Jul-15							
Aug-15	64.81	1.91	2.00	27.70	12.50	3.91	1.05
Sep-15	64.31	2.07	2.14	23.10	17.20	4.21	1.03
Oct-15							
Nov-15							
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMM	63.66	2.83	2.24	20.83	16.40	5.07	0.89

गुगल

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15	63.07	1.63	2.61	28.00	11.16	4.24	1.63
App-15-16	62.20	2.70	2.60	10.00	10.00	5.30	0.96
Apr-15	62.88	2.28	2.93	24.77	11.03	5.21	1.29
May-15	62.12	5.33	1.58	33.70	14.00	6.91	0.30
Jun-15	63.37	1.45	2.67	9.40	6.40	4.12	1.84
Jul-15	62.50	1.70	3.27	20.40	13.40	4.97	1.92
Aug-15							
Sep-15							
Oct-15							
Nov-15	64.03	1.25	2.76	21.42	12.80	4.01	2.21
Dec-15	62.97	2.87	2.23	24.62	12.38	5.10	0.78
Jan-16							
Feb-16							
Mar-16							
CUMM	62.98	2.48	2.57	22.39	12.00	5.05	1.39

मोलोपुर्

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15	63.33	1.43	2.88	18.01	11.21	4.31	2.05
App-15-16	63.00	2.00	2.20	10.00	10.00	4.20	1.10
Apr-15	62.94	1.27	4.22	20.70	12.00	5.49	3.32
May-15							
Jun-15	62.04	1.23	4.53	27.00	19.10	5.76	3.68
Jul-15							
Aug-15							
Sep-15	63.78	1.14	1.80	18.50	18.00	2.94	1.58
Oct-15							
Nov-15	61.00	7.29	1.55	31.60	11.90	8.84	0.21
Dec-15	64.30	1.08	2.99	28.53	14.45	4.07	2.77
Jan-16							
Feb-16							
Mar-16							
CUMM	62.81	2.40	3.02	25.27	15.09	5.42	2.31

बल्लुङ्ग

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15	62.50	1.60	2.60	12.25	11.05	4.20	1.63
App-15-16	62.50	2.70	2.70	18.00	15.00	5.40	1.00
Apr-15							
May-15							
Jun-15							
Jul-15							
Aug-15							
Sep-15							
Oct-15							
Nov-15							
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMM							

कोटेल

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15	63.05	2.23	3.04	16.63	11.78	5.27	1.58
App-15-16	63.00	2.10	2.30	10.00	10.00	4.40	1.10
Apr-15	62.17	2.96	2.73	26.60	15.85	5.69	0.92
May-15	63.14	1.21	1.76	20.60	10.00	2.97	1.45
Jun-15	64.59	1.75	1.40	11.20	7.90	3.15	0.80
Jul-15	64.65	1.54	2.18	49.20	10.70	3.72	1.42
Aug-15	63.94	1.99	1.94	25.55	10.80	3.84	1.02
Sep-15	63.56	1.35	3.44	24.75	11.80	4.79	2.55
Oct-15	65.07	1.12	2.24	22.89	15.12	3.36	2.00
Nov-15							
Dec-15							
Jan-16							
Feb-16							
Mar-16							
CUMM	63.87	1.69	2.24	25.83	11.74	3.93	1.45

ब्लेन्ड

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act-14-15	63.12	1.72	2.76	23.02	12.33	4.48	1.60
App-15-16	62.80	2.30	2.40	10.00	10.00	4.70	1.04
Apr-15	62.74	2.13	2.95	22.88	14.18	5.08	1.39
May-15	63.80	2.02	1.83	24.50	11.41	3.84	0.91
Jun-15	63.72	1.47	3.03	15.05	11.55	4.50	2.07
Jul-15	63.24	2.16	2.60	22.48	13.90	4.76	1.21
Aug-15	64.09	2.00	2.09	22.77	13.57	4.08	1.05
Sep-15	63.60	1.98	2.60	23.45	15.34	4.58	1.32
Oct-15	64.21	1.08	3.08	22.81	14.86	4.16	2.85
Nov-15	62.77	3.57	2.44	25.15	13.05	6.04	0.69
Dec-15	64.09	1.49	2.46	28.01	14.81	3.95	1.65
Jan-16							
Feb-16							
Mar-16							
CUMM	63.52	1.96	2.61	23.01	13.70	4.57	1.33

गुणवत्ता :: बीकानेर
गुणवत्ता :: बीकानेर
गुणवत्ता :: बीकानेर
BLEND QUALITY BASED ON RECEIPT AT PLANTS

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act14-15	64.01	1.97	1.92	14.59	18.47	3.89	0.97
Apr15-16	63.70	2.55	2.70	12.00	14.00	5.23	1.06
Apr-15	63.72	2.03	2.23	13.92	22.63	4.29	1.09
Apr-15	64.46	1.89	1.71	16.40	21.90	3.29	1.08
Jun-15	64.44	1.65	1.63	15.27	22.56	3.20	1.03
Jun-15	64.45	1.45	1.45	15.67	22.72	3.25	0.97
Aug-15	63.70	2.48	1.85	12.50	22.42	4.25	0.75
Sep-15	63.94	2.53	1.44	15.87	23.33	3.93	0.78
Oct-15	63.90	2.27	1.76	15.59	23.14	4.03	0.77
Nov-15	63.71	2.40	1.90	15.22	23.78	4.30	0.76
Dec-15	63.98	2.11	1.82	15.45	23.60	3.93	0.86
Jan-16							
Feb-16							
Mar-16							
CUMMUL	64.03	2.06	1.77	15.74	22.40	3.83	0.86

गुणवत्ता:: दशरथ
गुणवत्ता:: दशरथ

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act14-15	62.07	2.84	2.90	9.72	19.33	5.75	1.03
Apr15-16	62.50	2.60	2.70	12.00	11.00	5.30	1.04
Apr-15	62.77	1.56	2.35	14.03	17.92	3.92	1.51
May-15	63.16	1.62	2.00	13.05	14.01	3.62	1.23
Jun-15	63.07	1.86	2.09	9.69	16.42	3.95	1.13
Jun-15	62.76	1.95	1.97	10.34	15.91	3.92	1.07
Aug-15	62.43	2.96	2.28	11.39	16.37	5.24	0.77
Sep-15	62.02	3.70	2.09	12.89	19.99	5.79	0.57
Oct-15	62.87	2.37	1.84	15.00	13.67	4.21	0.78
Nov-15	63.40	1.58	1.73	12.85	15.82	3.31	1.10
Dec-15	63.23	2.32	1.77	12.58	15.20	4.10	0.76
Jan-16							
Feb-16							
Mar-16							
CUMMUL	62.77	2.30	2.03	12.20	16.25	4.34	0.87

गुणवत्ता :: राउरकेल
गुणवत्ता :: राउरकेल

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act14-15	63.08	2.46	2.48	18.55	18.14	4.94	1.01
Apr15-16	62.80	2.40	2.50	12.50	13.00	4.50	1.04
Apr-15	63.37	2.12	2.24	15.19	14.04	4.36	1.06
May-15	63.85	1.77	1.82	20.07	19.02	3.56	1.03
Jun-15	63.35	2.07	2.15	17.94	18.42	4.21	1.04
Jun-15	62.84	2.58	2.04	18.94	18.42	4.42	0.79
Aug-15	62.83	2.68	1.97	13.54	12.72	4.55	0.76
Sep-15	63.11	2.10	2.48	18.61	20.10	4.58	1.18
Oct-15	62.96	2.61	2.25	20.12	19.04	4.86	0.86
Nov-15	62.49	2.96	2.55	20.20	19.54	5.50	0.86
Dec-15	62.99	2.76	2.21	19.35	20.26	4.97	0.80
Jan-16							
Feb-16							
Mar-16							
CUMMUL	63.12	2.44	2.23	18.83	18.67	4.66	0.91

गुणवत्ता :: बीकानेर
गुणवत्ता :: बीकानेर
गुणवत्ता :: बीकानेर
BLEND QUALITY BASED ON RECEIPT AT PLANTS

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act14-15	62.83	2.94	2.64	7.31	33.55	5.58	0.90
Apr15-16	62.30	3.30	2.90	7.00	31.00	6.20	0.88
Apr-15	62.59	3.24	2.66	6.82	34.91	5.90	0.82
May-15	62.71	2.97	2.78	6.78	34.54	5.75	0.94
Jun-15	62.71	3.40	3.04	6.64	33.61	6.44	0.90
Jun-15	62.21	3.42	2.61	7.33	32.76	6.03	0.76
Aug-15	62.50	2.93	2.49	7.37	32.30	5.43	0.85
Sep-15	62.93	3.00	2.43	7.43	35.41	5.32	0.75
Oct-15	63.00	3.00	2.49	5.77	35.06	5.80	0.75
Nov-15	62.67	3.03	2.44	6.95	38.85	5.97	0.84
Dec-15	62.88	3.14	2.35	6.58	35.02	5.47	0.75
Jan-16							
Feb-16							
Mar-16							
CUMMUL	62.69	3.18	2.59	6.81	34.09	5.77	0.82

गुणवत्ता:: दशरथ
गुणवत्ता:: दशरथ

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act14-15	62.07	3.08	3.22	7.75	38.88	6.30	1.04
Apr15-16	62.40	3.00	2.90	8.00	34.00	5.90	0.97
Apr-15	62.14	2.59	2.97	5.08	40.94	5.56	1.14
May-15	62.26	2.90	2.87	3.48	44.27	5.77	0.99
Jun-15	61.86	3.47	3.14	4.11	40.77	6.61	0.91
Jun-15	62.88	2.47	2.46	3.74	41.24	4.93	0.99
Aug-15	63.34	2.83	2.10	2.79	46.53	4.93	0.74
Sep-15	63.11	3.40	1.88	3.30	47.52	5.28	0.55
Oct-15	62.99	2.50	2.28	6.96	42.25	4.78	0.91
Nov-15	63.19	2.53	2.22	7.07	41.20	4.75	0.88
Dec-15	63.25	2.59	2.13	6.74	44.71	4.72	0.82
Jan-16							
Feb-16							
Mar-16							
CUMMUL	62.73	2.84	2.47	4.80	43.02	5.31	0.87

गुणवत्ता :: राउरकेल
गुणवत्ता :: राउरकेल

	Fe	SiO ₂	Al ₂ O ₃	OS	US	Al+Si	Al/Si
Act14-15	62.25	2.80	2.74	0.20	11.02	5.54	0.98
Apr15-16	62.45	3.00	2.90	7.00	34.00	5.90	0.97
Apr-15	62.27	2.89	2.73			5.62	0.94
May-15	62.58	2.63	2.31			4.94	0.88
Jun-15	62.08	2.86	2.76			5.61	0.97
Jun-15	62.13	3.04	2.21			5.26	0.73
Aug-15	62.20	3.16	2.90			5.06	0.60
Sep-15	62.16	2.98	2.45			5.43	0.82
Oct-15	61.82	3.41	2.66			6.07	0.78
Nov-15	61.55	3.39	2.97			6.36	0.88
Dec-15	62.19	3.33	2.92			5.86	0.76
Jan-16							
Feb-16							
Mar-16							
CUMMUL	62.17	3.06	2.53			5.58	0.83

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गणवत्ता :: बोकारो
गणवत्ता :: बोकारो
शवनाथपुर BF LST

	CaO	MgO	SiO ₂	OS	US
Act 14-15					
Apr 15-16	43.00	5.00	6.50	15.00	10.00
Apr-15					
May-15					
Jun-15					
Jul-15					
Aug-15					
Sep-15					
Oct-15					
Nov-15					
Dec-15					
Jan-16					
Feb-16					
Mar-16					
CUMML					

दलसीदामर

गणवत्ता :: बोकारो
BF DOLOMITE

	CaO	MgO	SiO ₂	OS	US
Act 14-15	30.97	19.01	2.34	4.7	9.41
APP 15-16	30.00	18.00	5.00	5.00	10.00
Apr-15	32.51	20.17	1.43	4.66	9.62
May-15	32.76	20.96	3.23	4.72	9.68
Jun-15	32.80	21.34	3.16	4.59	9.70
Jul-15	33.70	22.09	2.24	4.65	9.36
Aug-15	33.42	21.34	2.91	4.65	9.42
Sep-15					
Oct-15	33.08	21.17	3.96	4.83	8.60
Nov-15	32.68	20.08	3.60	4.30	9.40
Dec-15	32.19	20.21	4.16	4.60	9.45
Jan-16					
Feb-16					
Mar-16					
CUMML	32.89	20.92	3.09	4.63	9.40

गणवत्ता :: बोकारो
गणवत्ता :: बोकारो
कुद्रेवर BF LST

	CaO	MgO	SiO ₂	OS	US
Act 14-15	46.23	2.31	3.11	3.71	19.12
APP 15-16	50.00	2.25	3.50	5.00	5.00
Apr-15	46.17	3.00	2.86	2.21	29.79
May-15	47.88	1.92	3.19	2.52	23.77
Jun-15	48.24	1.62	3.73	3.63	20.34
Jul-15	48.08	1.73	3.31	3.24	20.85
Aug-15	49.24	2.43	3.24	3.41	24.44
Sep-15	48.10	2.33	3.76	3.30	25.19
Oct-15	48.00	3.21	4.46	3.14	25.46
Nov-15	49.30	2.85	4.00	2.76	24.66
Dec-15	48.51	1.91	3.83	3.04	23.83
Jan-16					
Feb-16					
Mar-16					
CUMML	48.17	2.33	3.60	3.03	24.26

कुद्रेवर

गणवत्ता :: जिलाई
BF LST

	CaO	MgO	SiO ₂	OS	US
Act 14-15	48.74	2.80	4.39	6.13	19.55
APP 15-16	50.00	2.25	3.50	5.00	5.00
Apr-15	48.95	2.78	4.15	5.25	22.30
May-15	48.25	3.38	4.16	1.10	16.60
Jun-15	49.37	2.80	3.78	5.56	23.54
Jul-15	49.32	2.42	4.08	6.08	17.59
Aug-15	48.48	3.03	4.33	5.13	22.03
Sep-15	48.62	2.92	4.09	4.75	21.21
Oct-15	48.71	3.18	3.98	7.98	20.78
Nov-15	48.73	2.98	4.12	4.25	19.93
Dec-15	48.80	2.83	4.27	8.15	18.95
Jan-16					
Feb-16					
Mar-16					
CUMML	48.80	2.92	4.11	5.36	20.33

KIRIBURU MINES

PERFORMANCE REPORT OF HEMM

SAIL-RMD

PROJ. NO.	CUMM. UTILIS NOV-15	MAKE /TYPE	CAPACITY	DATE OF COMMISSION	DECEMBER 2015										2015 - 16										
					SCH. HRS.	BID HRS.	AVL. HRS.	UTIL. HRS.	AVG. HRS.	UTL. %	NET UTL. %	TRIP	FEED RATE	HSD/HR	SCH. HRS.	BID HRS.	AVL. HRS.	UTIL. HRS.	AVG. HRS.	UTL. %	NET UTL. %	TRIP	FEED RATE	HSD/HR	
EXCAVATORS																									
BE-15	28836	BEML BE-1000	4.5CU/M	14-Jan-05			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00
BE-16	33643	BEML BE-1000	4.5CU/M	24-Jun-05	620	64	556	0	89.68	0.00	0.00	0	0.00	5496	616	4880	819	68.79	16.78	14.90	3627	4.43	30.16	22.01	
TH-17	22889	TECONEX-1200	5.9 CU/M	16-Apr-07	620	20	600	34	96.77	5.67	5.48	69	2.04	4647	5500	3797	1703	206	30.96	12.07	3.74	1187	5.78	42.17	
BE-16	21059	BEML BE-1000	4.5CU/M	31-Jul-08	620	4	616	18	99.35	2.92	2.90	115	6.37	5496	821	4675	345	85.08	7.37	6.27	1615	4.69	37.11		
TOTAL																									
BE-19	20319	KOMATSU PC2000-8	9.5 CU/M	14-Nov-11	620	620	0	0	0.00	0.00	0.00	0	0.00	5500	1703	3718	2692	67.59	71.59	48.39	15507	5.83	65.48		
BE-20	18102	KOMATSU PC2000-8	9.5 CU/M	17-Feb-12	620	5	615	361	99.19	56.70	58.23	1741	4.82	5715	5500	745	4755	3254	86.45	68.43	59.16	21628	6.65	59.89	
EX-22	1144	KOMATSU PC2000-8	9.5 CU/M	15-Aug-15	620	2	618	192	99.88	31.07	30.97	1693	8.82	5772	2440	8	2432	1144	99.67	47.02	46.86	12190	10.66	68.36	
TOTAL																									
DUMPERS																									
DUM-80	21621	BEML 210M	50t	25-Aug-03	620	620	0	0	0.00	0.00	0.00	0.00	0.00	3660	3660	0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	
DUM-81	21960	BEML 210M	50t	31-Aug-03	620	620	0	0	0.00	0.00	0.00	0.00	0.00	3660	3660	0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	
DUM-82	26351	BEML 210M	50t	13-Apr-04	620	620	0	0	0.00	0.00	0.00	0.00	0.00	4880	4384	486	103	9.96	21.19	2.11	324	3.15	18.19	3.30	
DUM-84	24232	BEML 210M	50t	6-Apr-07	620	620	0	0	0.00	0.00	0.00	0.00	0.00	4880	4803	77	11	1.58	14.29	0.23	28	2.55	0.00	0.00	
DUM-85	21323	BEML 210M	50t	6-Apr-07	620	620	0	0	0.00	0.00	0.00	0.00	0.00	4880	4880	0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	
DUM-86	21793	BEML 210M	50t	10-Jul-07	620	620	0	0	0.00	0.00	0.00	0.00	0.00	3660	3660	0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	
TOTAL																									
IFC	12420	BEML BH-85	63t	30-Mar-08	620	620	0	0	0.00	0.00	0.00	0.00	0.00	5500	3214	2287	435	41.57	19.00	7.90	1159	2.67	38.32		
TOTAL																									
DUM-88	22012	KOMATSU HD765-7	100 t	23-Jun-10	620	620	0	0	0.00	0.00	0.00	0.00	0.00	5500	3214	2287	435	41.57	18.00	7.90	1158	2.67	38.32		
DUM-89	24228	KOMATSU HD765-7	100 t	23-Jun-10	620	68	552	185	89.03	33.51	29.84	755	4.08	3662	5500	1849	3651	2328	68.38	63.75	42.32	6274	2.67	33.38	
DUM-91	14910	CAT 777D	100T	2-Feb-12	620	12	608	234	98.06	38.49	37.74	1008	4.31	35.64	5500	1853	3647	1626	66.31	44.58	29.56	5892	3.59	30.81	
DUM-92	17006	CAT 777D	100T	2-Feb-12	620	8	612	253	98.71	41.34	40.81	1132	4.48	36.68	5500	115	5385	3161	97.91	58.70	57.47	9781	3.09	30.04	
DUM-93	1441	BEML BH-100	100T	2-May-15	620	20	600	166	96.77	27.67	26.77	886	5.34	41.11	4760	721	4039	1441	84.85	35.66	30.26	5548	3.85	33.26	
DUM-94	995	BEML BH-100	100T	2-May-15	620	24	596	72	96.13	12.08	11.61	362	5.03	43.47	4760	1288	3473	995	72.95	28.65	20.90	3479	3.50	36.95	
TOTAL																									
DRILL																									
DM-15	16845	IR-ROTACOL-DM-30	160mm	28-Aug-01			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	
DM-16	25707	IR-ROTACOL-DM-30	160mm	18-Jan-05			0	0	0.00	0.00	0.00	0.00	0.00	976	976	0	0	0.00	0.00	0.00	0	0.00	0.00	0.00	
DM-17	20223	IR-ROTACOL-DM-30	160mm	24-Mar-05	496	153	343	29	69.15	8.45	5.85	306	10.55	45.00	4400	3018	1382	380	31.41	27.50	8.64	1543	4.06	34.52	
DM-18	22191	AC-ROTACOL-DM-30	160mm	19-May-08	496	232	264	0	53.23	0.00	0.00	0	0.00	4400	1665	2735	1033	62.16	37.75	23.47	10364	10.04	31.32		
DM-19	17803	AC-ROTACOL-DM-30	160mm	14-Oct-09	495	35	461	109	92.94	23.64	21.98	1775	16.28	30.73	4400	1795	2805	968	59.20	36.76	21.76	10247	10.70	29.15	
DM-20	3568	AC-ROTACOL-DM-30	160mm	Oct 14	496	71	425	104	85.69	24.47	20.87	3468	33.35	31.73	4400	478	3823	2083	89.15	53.10	47.34	25590	12.29	30.92	
TOTAL																									
DOZER																									
DOZ-27	29033	BEML D-355	410HP	15-May-01	496	71	425	121	85.69	28.47	24.40			4400	2302	2090	2311	1001	62.51	43.32	22.75			24.13	
DOZ-28	23486	BEML D-355	410HP	14-May-04	496	154	342	95	68.95	21.78	19.15			3388	4400	2162	2239	655	50.88	29.25	14.88			22.01	
DOZ-29	18335	BEML D-355	410HP	11-Jun-04	496	436	0	0	0.00	0.00	0.00			4400	4400	0	0	0.00	0.00	0.00				0.00	
DOZ-30	14750	BEML D-355	410HP	8-Jul-07	496	0	486	117	100.00	23.59	23.59			23.29	4400	404	3986	1352	90.82	33.82	30.72			26.17	
DOZ-31	13128	BEML D-355	410 HP	19-Feb-09	496	136	360	138	72.58	38.33	27.82			4400	1083	3318	1238	75.40	37.30	28.13				36.81	
DOZ-32	506	BEML D-355	410 HP		496	381	115	18	23.19	15.66	3.63			1952	873	980	506	50.18	51.61	25.90				34.54	
TOTAL																									
PAY LOADER																									
FL-4	8055	KOMATSU WA-470-3	2.9 CU/M	16-Jan-09	248	0	248	92	100.00	38.90	36.90			14.14	2200	1308	892	298	40.55	28.87	11.70			8.29	

8-2-21

PROJ. NO.	CUMM. UTILS. UFTO NOV 15	MAKE /TYPE	CAPACIT Y	DATE OF COMMISS	DECEMBER 2015										2015 - 16									
					SCH. HRS.	BID HRS.	AVL. HRS.	UTL. HRS.	AVG% HRS.	UT% HRS.	NET UT% HRS.	TRIP RATE	FEED HSD/HR	SCH. HRS.	BID HRS.	AVL. HRS.	UTL. HRS.	AVG% HRS.	UT% HRS.	NET UT% HRS.	TRIP RATE	FEED HSD/HR		
EXCAVATORS																								
BE-09	42740	BEML BE-1000	4.5CU/M	15-Jul-01			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5856	5856	0	0	0.00	0.00	0.00	0	0.00
BE-10	36727	BEML BE-1000	4.5CU/M	4-Mar-05	744	744	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	6600	4384	2216	1098	33.58	49.53	16.63	7477	6.81	
BE-11	33032	BEML BE-1000	4.5CU/M	30-Sep-05	744	63	681.00	116.00	91.53	17.03	15.59	695	5.99	53.88	6600	3607	2993	900	45.35	30.05	13.63	4709	5.24	
PC-12	18810	KOMATSU PC-2000-8	9.5CU/M	5-Oct-10	744	744	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	6600	6600	0	0	0.00	0.00	0.00	0	0.00	
PC-14	19541	KOMATSU PC-2000-8	9.5CU/M	20-Jan-12	744	95	649.00	372.00	87.23	57.32	50.00	4014	10.79	83.74	6600	682	5909	3708	88.52	62.76	56.18	46983	12.67	
PC-17	2205	KOMATSU PC-2000-8	9.5CU/M	24-Jul-15	744	50	694.00	469.00	93.28	67.68	63.04	1158	13.13	83.48	3864	293	3571	2205	92.42	61.73	57.05	25547	11.59	
TOTAL					3720	1696	2024	957	54.41	47.28	25.73	10867	11.36	79.99	36120	21432	14689	7910	40.67	53.85	21.90	84716	10.71	
DUMPER, 50 TE																								
D-43	26728	BEML 210M	50 Te	29-Sep-04	744	744	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	6600	6576	24	0	0.36	0.00	0.00	0	0.00	
D-44	27134	BEML 210M	50 Te	29-Sep-04	744	744	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	3672	2200	1472	0	40.09	0.00	0.00	0	0.00	
D-45	28200	BEML 210M	50 Te	29-Sep-04	744	486	258.00	12.00	34.68	4.65	1.61	91	7.58	25.00	6600	2222	4378	52	66.33	1.19	0.79	158	3.04	
D-46	13374	BEML 210M	50 Te	14-Apr-05			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	
D-48	24097	BEML 210M	50 Te	30-Apr-05			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	
D-49	26798	BEML 210M	50 Te	5-Mar-07	744	632	112.00	4.00	15.05	3.57	0.54	0	0.00	0.00	6600	4521	2079	161	31.50	7.28	2.29	485	3.21	
D-50	23281	BEML 210M	50 Te	15-Apr-07	744	210	534.00	40.00	71.77	7.49	5.38	112	2.80	28.75	8600	1172	5428	214	82.24	3.94	3.24	681	3.18	
TOTAL					3720	2816	904.00	56.00	24.30	6.19	1.51	203	3.63	25.89	30072	16691	13381	417	44.50	3.12	1.39	1324	3.18	
DUMPER, 100 TE																								
D-51	18665	KOMATSU HD165-7	100 T	1-Sep-10	744	744	0	0	0.00	0.00	0.00	0	0.00	0.00	6600	1540	5061	2809	76.67	55.50	42.56	10576	3.77	
D-52	18748	KOMATSU HD165-7	100 T	1-Sep-10	744	30	714	480	95.97	64.43	61.83	1765	3.84	32.61	6600	1401	5199	2713	76.77	52.17	41.10	10372	3.82	
D-53	18540	KOMATSU HD165-7	100 T	1-Sep-10	744	154	590	379	79.30	64.24	50.94	1412	3.73	31.66	6600	2996	3604	1897	54.61	50.97	27.83	6442	3.51	
D-54	11926	CAT 777D	100T	6-Feb-12	744	139	680	338	81.32	55.87	45.43	1198	3.37	32.40	6600	885	5715	2512	86.59	43.95	38.05	9126	3.63	
D-55	11280	CAT 777D	100T	6-Feb-12	744	155	589	322	79.17	54.67	43.28	1060	3.29	31.52	6600	883	5718	2553	86.63	44.65	38.68	8784	3.44	
TOTAL					3720	1222	2498	1499	67.15	60.01	40.30	6376	3.59	32.09	33000	7704	25296	12423	76.65	49.11	37.64	45300	3.65	
DRILL																								
DM-05	17942	HR-ROTACOL-IDM-30	160mm	14-Jan-04			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	
DM-07	20412	HR-ROTACOL-IDM-30	160mm	14-Apr-05	496	472	24	19	4.84	79.17	3.83	31	1.63	44.74	4416	3267	1149	308	26.02	26.81	6.97	1567	5.09	
DM-08	19391	AC-ROTACOL-IDM-30	160mm	5-May-08	496	46	450	112	60.73	24.89	22.58	1531	13.67	41.52	4416	2250	2166	475	49.05	21.93	10.76	4233	8.91	
DM-09	14023	AC-ROTACOL-IDM-30	160mm	16-Sep-08	496	328	168	72	33.87	42.86	14.52	987	13.85	38.19	4416	1405	3012	1382	68.20	45.89	31.50	17240	12.47	
DM-10	2988	AC-ROTACOL-IDM-30	160mm	08-Nov-14	496	46	451	221	90.53	49.06	44.56	3456	15.68	42.08	4416	467	3950	2151	89.44	54.45	48.70	32064	14.92	
TOTAL					1984	892	1093	424	56.07	38.81	21.37	6024	14.21	41.39	17664	7388	10276	4316	58.17	42.00	24.43	55124	12.77	
DOZER																								
DL-18	37537	BEML D-355	410HP	6-Dec-95			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	
DL-19	24022	BEML D-355	410HP	7-Apr-03			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	
DL-20	19274	BEML D-355X	410HP	7-Jun-04			0	0	0.00	0.00	0.00	0.00	0.00	0.00	2208	2184	24	0	1.09	0.00	0.00	0	0.00	
DL-21	13566	BEML D-355X	410HP	4-Nov-05	744	744	0	0	0.00	0.00	0.00	0.00	0.00	0.00	6624	6600	24	0	0.36	0.00	0.00	0	0.00	
DL-22	17862	BEML D-355	410HP	1-Jun-07	744	139	605	115	81.32	19.01	15.46		30.87	6624	3218	3406	907	51.42	26.63	13.69		35.23		
DL-23	16839	BEML D-355	410HP	2-Oct-08	744	744	0	0	0.00	0.00	0.00	0.00	0.00	0.00	6624	3900	2724	825	41.12	30.29	12.45		33.33	
DL-24	13995	BEML D-355	410 HP	1-Apr-10	744	112	632	186	84.95	29.43	25.00		32.53	6624	1833	4792	1589	72.34	33.16	23.99		34.39		
DL-25	7490	BEML D-355	410 HP	28-Dec-10	744	744	0	0	0.00	0.00	0.00	0.00	0.00	0.00	6624	6581	43	10	0.65	23.26	0.15		###	
DL-26	10392	BEML D-355	410 HP	18-May-11	744	90	654	200	87.90	30.58	26.88		32.55	6624	2709	3916	1468	59.11	37.99	22.46		33.92		
DL-27	1312	BEML D-355	411 HP	28-Apr-15	744	95	648	188	87.10	29.01	25.27		31.23	5904	2201	3704	1312	62.73	35.43	22.22		35.63		
TOTAL					5208	2669	2539	689	46.75	27.14	13.23		33.60	47856	29225	18632	6131	38.83	32.90	12.81		34.63		
PAY LOADER																								
PL-2	20906	TTL 2071	430HP	20-Aug-94			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	
PL-3	6505	Hunder JAL70-7A	317 CU/M	16-Sep-12	744	687	57	57	7.66	100.00	7.66			25.44	6600	5097	1503	533	22.77	35.46	8.08		20.56	

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BOLANI MINES

PERFORMANCE REPORT OF HEMM

SAIL-NMD

PROJ. NO.	CURR. UTILITY UPTO NOV'15	MAKE /TYPE	CAPACITY	DATE OF COMMISSION	DECEMBER 2015										2015-16									
					SCH. HRS.	BID HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSOHR	SCH. HRS.	BID HRS.	AVL. HRS.	UTL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSOHR
EXCAVATORS																								
EX-25	3143	BEML PC-1000(D)	4.5 CUM	21-Jun-04	744	50	694.50	55.50	93.35	7.99	7.46	0	0.00	34.59	6600	906	5684	970	86.28	17.04	14.70	3238	3.34	28.47
EX-26	28844	BEML PC-1000(D)	4.5 CUM	24-Jun-05	744	123	621.50	63.00	83.53	10.14	8.47	304	4.83	33.73	6600	1362	6238	693	79.36	13.23	10.60	1945	2.81	36.25
EX-28	13829	BE-1600	7.5 CUM	22-Jun-10	1488	172	1316.00	118.50	88.44	9.00	7.96	304	2.87	34.14	13200	2268	10932	1663	82.82	16.21	12.60	5193	3.12	31.30
EX-29	19655	KOMATSU PC-2000-8	9.5 CUM	01-Nov-10	744	511	233.00	3.00	31.32	1.29	0.40	0	0.00	277.67	6600	2839	3761	1414	56.99	21.42	5.93	51.42	5.95	66.40
EX-30	1915	KOMATSU PC-2000-8	9.5 CUM	03-Aug-15	744	13	750.75	41.175	98.22	56.35	55.34	2650	6.44	67.14	3624	141	3463	1915	96.12	54.98	52.84	11450	5.98	64.26
EX-31	1261	KOMATSU PC-2000-8	9.5 CUM	03-Sep-15	744	23	721.50	293.50	90.99	40.68	39.45	1548	5.27	69.66	2832	86	2746	1261	96.99	45.92	44.53	6188	4.91	63.03
TOTAL					2976	834	2142.50	756.50	71.99	35.31	25.42	4821	6.11	68.27	15656	4550	15106	6836	78.65	45.25	34.78	35405	5.33	62.08
DUMPER, 50 TE																								
HP-30	16819	CLT/730(I)	50 T	01-Mar-06	744	336	408.00	0.00	54.84	0.00	0.00	0	0.00	0.00	6600	5624	1077	120	16.31	11.12	1.81	271	2.26	25.13
HP-31	15700	BEML BH-50M	50 T	06-Mar-08	744	744	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	6600	6554	46	44	0.70	94.57	0.66	27	0.62	4.48
HP-32	20895	BEML BH-50M	50 T	06-Mar-08	744	263	491.00	52.00	65.99	10.59	6.99	9	0.17	25.87	6600	5132	1468	238	22.24	16.20	3.60	802	3.37	22.56
TOTAL					2232	1333	899.00	52.00	40.28	5.78	2.33	9	0.17	25.87	21792	18077	2815	480	13.38	16.46	2.20	1279	2.67	19.73
DUMPER, 100 TE																								
HP-32A	18642	KOMATSU HD785-7	100 T	22-Jun-10	744	39	705.17	440.17	94.78	62.42	59.16	1298	2.95	37.53	6600	1599	5011	3233	75.92	64.52	46.98	9149	2.93	29.12
HP-34	17311	KOMATSU HD785-7	100 T	22-Jun-10	744	254	489.75	302.75	65.83	61.82	40.69	937	3.09	37.92	6600	1185	5416	3520	82.05	64.99	53.33	10289	2.92	30.11
HP-35	12302	BEML BH-100	100 T	22-Jun-10	744	98	646.17	306.17	80.65	47.38	41.15	1047	3.42	38.06	6600	2752	3948	1725	59.31	44.82	26.13	5160	2.89	33.35
HP-36	10990	BEML BH-100	100 T	22-Jun-10	744	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	3912	514	3396	1316	86.87	38.73	33.65	3453	2.92	29.59
HP-37	12731	CAT 777D	100 T	25-Jun-12	744	235	569.17	273.17	68.44	53.65	36.72	851	3.12	34.10	6600	807	5793	3129	87.77	54.01	47.40	8699	2.78	27.27
TOTAL					2976	626	2350.26	1322.26	78.97	56.26	44.43	4133	3.13	36.57	30312	6846	23466	12922	77.41	55.07	42.83	36750	2.84	28.55
DRILL																								
DM-11	13847	AC-ROTAQOL-IDM-30	160mm	14-Feb-08	504	49	455.25	209.00	90.33	45.25	40.87	3216	15.62	37.34	4440	1245	3195	1440	71.95	45.07	32.43	13839	9.61	35.66
DM-12	12758	AC-ROTAQOL-IDM-30	160mm	12-Aug-09	504	99	405.50	151.17	80.46	37.28	29.99	1386	9.23	24.25	4664	1250	3414	1633	73.20	47.82	35.00	15479	9.48	28.66
DM-12A	12938	AC-ROTAQOL-IDM-30	160mm	22-Mar-11	512	111	401.25	105.00	78.97	20.17	20.51	1530	14.57	37.95	4440	1196	428	26.94	36.56	9.86	5172	11.82	35.79	
DM-14	2368	AC-ROTAQOL-IDM-30	160mm	19-Nov-14	520	247	272.60	115.60	52.42	42.41	22.23	1900	16.44	51.99	4576	1354	3222	1695	70.42	52.61	37.04	27869	16.45	37.14
TOTAL					2040	605	1534.60	677.77	75.23	37.66	28.32	8044	13.92	36.96	18776	7749	11027	5205	56.73	47.20	27.72	62379	11.98	33.96
DOZER																								
DOZ-21	19141	BEML D0355	410 HP	10-Mar-04	496	0	496.00	120.00	100.00	24.19	24.19			32.79	5504	1418	4086	862	74.24	21.08	15.65			43.47
DOZ-22	11290	BEML D0355	410 HP	06-Jul-07	536	64	472.00	222.00	88.06	47.03	41.42			22.07	4600	1516	3065	940	67.05	30.48	20.44			32.14
DOZ-23	9713	BEML D0355	410 HP	27-Aug-08	600	368	232.00	0.00	38.67	0.00	0.00			4976	3155	1821	309	36.60	16.94	6.20			47.50	
DOZ-24	8653	BEML D0355	410 HP	09-Mar-10	744	0	744.00	77.00	100.00	10.35	10.35			48.44	5404	435	4970	769	91.96	15.48	14.23			54.94
DOZ-25	9176	BEML D0355	410 HP	09-Mar-10	744	0	744.00	83.00	100.00	11.16	11.16			54.44	1607	3957	818	71.01	20.78	14.76			44.08	
DOZ-26	2913	BEML D0355	411 HP	03-Mar-14	528	1	527.00	237.00	99.81	44.97	44.89			20.43	4698	801	3867	1481	82.91	38.10	31.59			35.57
DOZ-27	3805	BEML D0357	412 HP	03-Mar-14	744	0	744.00	188.00	100.00	25.27	25.27			61.67	6300	1154	5146	1682	81.68	32.29	26.37			44.86
TOTAL					4392	433	3959.60	927.00	90.14	23.42	21.11			37.94	37016	10085	26931	6840	72.76	25.40	18.48			42.11
PAY LOADER																								
PL-17	9524	SEW ZL-50 G	234 HP	01-Feb-06	744	744	0.00	0.00	0.00	0.00	0.00			0.00	6600	6323	277	95	4.20	34.16	1.43			14.75
PL-20	12585	Kawasaki S620-2	236 HP	26-Aug-08	744	744	0.00	0.00	0.00	0.00	0.00			0.00	6600	5993	1217	427	18.44	35.10	6.47			19.81
PL-21	16976	Kawasaki S620-2	236 HP	26-Aug-09	744	152	592.00	235.00	79.57	39.70	31.59			24.02	6600	1049	5551	2247	84.10	40.48	34.04			20.24
PL-22	9906	Hyundai-H70-1A	280 HP	28-Mar-10	744	0	0.00	0.00	0.00	0.00	0.00			0.00	6600	5436	1164	434	17.63	37.32	6.56			27.33
PL-23	734	Kawasaki 902V	257 HP	07-Oct-15	744	72	672.00	279.00	90.32	41.52	37.50			26.62	2064	164	1880	734	91.09	36.02	35.54			25.18
TOTAL					3720	2466	1268.00	514.00	33.98	40.86	13.82			26.08	28464	18376	10088	3836	35.44	39.02	13.83			21.76

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BARSUA MINES



SAIL RMD

PROJ. NO.	CUMM. UTILS UPTO NOV 15	MAKE /TYPE	CAPACITY	DATE OF COMMISSION	DECEMBER 2015										2015-16									
					SCH HRS.	BID HRS.	AVL HRS.	UTIL. HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSDHR	SCH HRS.	BID HRS.	AVL HRS.	UTL HRS.	AV%	UT%	NET UT%	TRIP	FEED RATE	HSDHR
EXCAVATORS																								
EX-20	23956	BEML BE-1000	4.5 CUM	Mar-04	648	648	0	0	0.00	0.00	0	0.00	0.00	5568	4026	1542	387	27.69	25.75	7.13	1840	4.63	67.38	
EX-21	17318	TELCON 1200V-1018	5.9 CUM	28-May-07	648	648	0	0	0.00	0.00	0	0.00	0.00	5568	5559	9	6	0.16	86.67	0.11	0	0.00	83.36	
EX-22	14453	BEML BE-1000	4.5 CUM	22-Dec-08	648	102	546	216	84.26	39.56	33	1476	6.83	56.90	5568	1783	3785	1641	67.98	43.36	29.47	11227	0.84	55.78
EX-23	13127	BEML BE-1000	4.5 CUM	18-Feb-10	648	270	378	96	59.33	25.40	15	448	4.67	42.33	5569	1843	3725	1163	69.80	31.76	21.25	7080	5.98	56.57
EX-24	9192	BEML BE-1600	7.5 CUM	04-Aug-11	648	312	336	175	51.85	62.08	27	1367	7.93	68.94	5669	2777	2791	1587	60.13	56.14	28.14	12240	7.79	65.05
				TOTAL	3240	1980	1260	487	38.69	38.65	15.03	3311	6.80	58.36	27840	15988	11852	4794	42.57	40.45	17.22	32347	6.75	59.65
DUMPER,50 TE																								
HPD-87	24517	BEML 210M	50T	Apr-2000	648	202	446	129	68.83	28.92	19.91	400	3.10	29.22	5568	1991	3577	1380	64.24	38.58	24.78	4225	3.06	25.70
HPD-90	15895	BEML 210M	50T	APR05	648	222	426	64	65.74	15.02	9.88	179	2.80	29.59	5568	3464	2074	403	37.25	19.43	7.24	1109	2.75	28.36
BH-93 (W1)	21295	BEML 210M	50T	21-Feb-08	648	0	648	0	100.00	0.00	0.00	0	0.00	0.00	1896	410	1466	2	78.38	0.13	0.11	0	0.00	0.00
BH-94	19772	BH-50 M	50T	22-Dec-08	648	267	381	101	58.80	26.51	15.59	283	2.80	28.95	5568	2494	3074	1084	55.21	35.59	19.65	3203	2.93	28.30
BH-95	25486	BH-50 M	50T	6-Feb-09	648	187	461	200	71.14	43.38	30.85	616	3.08	26.52	5568	2194	3374	1933	60.60	57.29	34.72	5849	3.03	22.64
BH-96	21843	BH-50 M	50T	28-Aug-09	648	116	532	289	82.10	54.32	44.60	937	3.24	24.15	5568	1662	3906	2220	70.15	56.84	36.87	6817	3.07	24.23
BH-99	4889	BH-50 M	50T	01.04.05 MCM 20.02.2014 BIM	648	152	406	252	76.54	50.81	38.99	786	3.12	23.70	5568	2044	3524	2020	63.29	57.49	36.39	11351	5.60	22.89
				TOTAL	4336	1146	3390	1035	74.74	30.53	22.82	3201	3.08	28.55	36504	15469	21015	9058	57.57	43.10	24.81	32654	3.59	24.48
DUMPER,100 TE																								
BH-97	7352	BEML BH-100	100 T	4-Aug-11	648	476	172	41	26.54	23.84	6.33	110	2.88	45.54	5568	2363	3185	1605	57.20	50.39	28.83	5039	3.14	38.98
BH-98	6803	BEML BH-100	100 T	04-Aug-11	648	648	0	0	0.00	0.00	0.00	0	0.00	0.00	5568	5376	192	78	3.45	40.63	1.40	280	3.59	43.85
				TOTAL	1296	1124	172.00	41.00	13.27	23.84	3.16	110	2.88	45.54	11136	7759	3377	1683.00	30.33	49.84	15.11	5319	3.16	37.20
DRILL																								
DM-7	23163	AC - IDM-30	160mm	29-Jun-08	432	432	0	0	0.00	0.00	0.00	0	0.00	0.00	3712	2867	845	302	22.76	35.74	8.14	2760	9.14	35.59
DM-9	8494	AC - IDM-30	160mm	38-Sep-09	432	6	426	18	98.61	4.23	4.17	410	22.78	33.33	3712	1336	2376	797	64.01	33.54	21.47	11274	14.15	32.69
DM-10	1243	AC - IDM-30	160mm	15-Jan-15	432	42	390	114	90.28	29.23	26.39	2470	21.67	26.75	3712	1205	2417	978	65.11	40.46	26.35	14272	14.59	20.28
				TOTAL	1286	480	816	132	62.96	16.18	10.19	2880	21.82	27.65	11936	6297	5639	2078	47.24	38.65	17.41	28306	13.62	30.08
DOZER																								
TR-37	13393	BEML D-155A	320 HP	22-Jun-07	648	0	648	9	100.00	1.31	1.31	0.00	56.29	5568	427	5141	283	92.33	5.50	5.07			30.12	
TR-35 (BV)	12371	BEML D-155A	320 HP	11-01-98	648	648	0	0	0.00	0.00	0.00	0.00	0.00	5568	5568	0	0	0.00	0.00	0.00			0.00	
TR-35 (BV)	13861	BEML D-155A	320 HP	23-Apr-05	648	648	0	0	0.00	0.00	0.00	0.00	0.00	5568	4566	972	52	17.46	5.35	0.93			26.77	
TR-38	12145	BEML D-355	410 HP	16-Feb-10	648	126	522	91	80.56	17.43	14.04	0.00	31.21	5568	1230	4338	1314	77.91	30.29	23.60			26.75	
TR-39	7316	BEML D-355	410 HP	18-Apr-12	648	41	607	183	93.67	30.15	28.24	0.00	20.36	5568	731	4837	1539	86.87	31.82	27.64			24.14	
TR-40	2741	BEML D-355	410 HP	6-May-14	648	227	421	81	64.97	19.24	12.50	0.00	41.07	5568	1135	4433	1231	79.62	27.77	22.11			31.54	
				TOTAL	3888	1680	2198	364	56.53	16.54	9.35	0.00	28.51	33408	13687	19721	4419	59.03	22.41	13.23			27.38	
PAY LOADER																								
FEL-6	9075	L&T KOMAT WA-4703	260 HP	21-Jun-09	288	0	288.00	0.00	100.00	0.00	0.00		0.00	3360	2880	480	0	14.29	0.00	0.00			0.00	
FEL-7	3068	HYUNDAI	280 HP	27-Aug-11	648	241	407.00	18.00	92.61	4.42	2.78		31.44	5566	4866	682	63	12.25	9.24	1.13			21.76	
				TOTAL	936	241	695.00	18.00	74.25	2.89	1.92		38.78	8928	7766	1162	63	13.02	5.47	0.71			24.14	

FEL-6 Shifted to Gsta on 15.12.2015

FEL-5 Shipped to Goa on 15.12.2015

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GUA MINES

MINING COMPANY LIMITED



SAIL-RMD

DECEMBER 2015																									2015-16				
PROJ. NO.	CUMM UTILS. UPTO NOV 15	MAKE /TYPE	CAPACITY	DATE OF COMMISSION	SCH. HRS.	BID HRS.	AVL. HRS.	UTL. HRS.	AV% HRS.	UT% HRS.	NET UT% HRS.	TRIP	FEED RATE	HSOHR	SCH. HRS.	BID HRS.	AVL. HRS.	UTL. HRS.	AV% HRS.	UT% HRS.	NET UT% HRS.	TRIP	FEED RATE	HSO HR					
EXCAVATORS																													
E-10	24236	L&T 300 CKE	3.20	21-Jan-04	744	6	738	8	99.19	1.08	1.08	20	2.50	50.00	6528	619	5709	383	87.45	6.71	5.87	2245	5.86	43.73					
D-11	26507	L&T DHD	3.20	17-Nov-04	744	6	738	8	99.19	1.08	1.08	20	2.50	50.00	6528	819	5709	383	87.45	6.71	5.87	2245	5.86	43.73					
TOTAL																													
D-12	7346	BE 1600	7.5 CUM	16-Feb-11	744	255	489	33	65.73	6.75	6.75	1080	32.73	369.70	6528	1227	5301	1153	81.20	21.75	17.86	7141	6.19	78.01					
D-12A	15482	BE 1000(D)	4.5 CUM	27-Apr-08	744	25	179	163	96.64	22.67	21.91	88	0.60	16.56	6528	3814	2714	351	41.57	12.93	5.38	1127	3.21	42.31					
D-14	13453	KOMATSU	9.5 CUM	06-Apr-12	744	380	364	86	48.92	24.18	11.83	899	10.22	82.95	6528	816	5712	3023	87.50	52.92	46.31	16742	5.54	70.77					
D-15	1898	KOMATSU	9.5 CUM	31-Aug-15	744	27	717	414	96.37	57.74	55.65	2681	6.48	84.30	3600	160	3440	1998	95.56	58.08	55.50	13218	6.62	78.53					
TOTAL																													
DUMPER, 50 TE																													
R0-85	16862	BEML-BH-50M	50 te	Mar-08	744	41	703	114	94.49	16.22	15.32	360	3.16	18.68	6528	1358	5170	297	79.20	5.74	4.55	701	2.36	14.41					
R0-86	18280	BEML-BH-50M	50te	Sep-08	744	70	674	131	90.59	19.44	17.61	0	0.00	11.45	6528	702	5826	2125	89.25	36.47	32.55	7833	3.69	17.37					
R0-87	16791	BEML-BH-50M	50te	Dec-08	744	0	744	0	100.00	0.00	0.00	0	0.00	0.00	6528	1000	5528	569	84.68	10.29	8.72	1658	2.91	14.03					
TOTAL																													
DUMPER, 100 TE																													
R0-88	14371	KOMAT HD785-7	100 T	10-Sep-10	744	3	741	319	99.60	43.05	42.88	892	2.80	54.81	6528	944	5594	3023	85.54	54.14	46.31	8006	2.65	57.24					
R0-89	12888	KOMAT HD785-7	100 T	10-Sep-10	744	3	741	331	99.60	44.67	44.49	1079	3.26	60.47	6528	1455	5073	3148	77.71	62.05	48.22	8600	2.73	58.32					
R0-90	9638	CAT 777D	100 T	Jan-12	744	264	480	108	64.52	22.50	14.52	457	4.23	52.78	6528	1389	5139	2603	78.72	50.65	39.87	7990	2.84	53.32					
R0-91	8993	CAT 777D	100 T	Jan-12	744	168	576	223	77.42	38.72	29.97	770	3.45	52.09	6528	1186	5342	2316	81.83	43.30	35.51	6846	2.95	57.86					
R0-92	1265	BEML-BH-100	100 T	27-May-15	744	20	724	233	97.31	32.18	31.32	782	3.36	47.17	5064	961	4103	1265	81.02	30.83	24.98	3798	3.00	56.77					
R0-93	724	BEML-BH-100	100 T	10-Jun-15	744	14	730	126	99.32	17.26	16.94	655	5.20	52.82	4848	1066	3782	734	78.01	19.41	15.14	2327	3.17	58.28					
TOTAL																													
DRILL																													
DM-10	14408	R-ROTACOL-IDM-3	160mm	Feb-04	486	33	463	4	93.35	0.86	0.81	21	5.25	50.00	4352	1014	3338	478	76.70	14.32	10.96	7240	15.73	50.84					
DM-12A	4315	C-ROTACOL-IDM-3	160mm	Sep-08	496	496	0	0	0.00	0.00	0.00	0	0.00	0.00	4352	3108	1244	288	28.58	23.95	6.65	4390	14.75	54.70					
DM-14	11733	C-ROTACOL-IDM-3	180 mm	12-Sep-09	496	69	427	60	86.09	14.05	12.10	1851	30.85	65.00	4352	471	3881	352	89.18	9.07	8.09	10553	29.98	56.11					
DM-15	1403	C-ROTACOL-IDM-3	180 mm	B-Dec-14	486	24	472	87	95.16	18.43	17.54	2712	31.17	51.72	4352	270	4082	1014	93.80	24.84	23.30	23551	23.73	49.75					
TOTAL																													
ICM-2	8130	IR/ICM-280	160mm	Mar-04	496	496	0	0	0.00	0.00	0.00	0	0.00	0.00	2928	2448	480	0	16.39	0.00	0.00	0	0.00	0.00					
TOTAL																													
DOZER																													
DOZ-19	17999	BEML D-355	410 HP	Nov-98			0	0	0.00	0.00	0.00																		
DOZ-20	14672	BEML D-355	410 HP	May-03	744	744	0	0	0.00	0.00	0.00																		
DOZ-21	15060	BEML D-355	410 HP	Feb-04	744	96	646	164	87.10	25.31	22.04																		
DOZ-22	10488	BEML D-355	410 HP	May-08	744	57	687	224	92.34	32.61	30.11																		
DOZ-23	10256	BEML D-355	410 HP	Sep-08	744	744	0	0	0.00	0.00	0.00																		
DOZ-24	7051	BEML D-355	410 HP	01-05-2010	744	83	661	105	88.84	15.89	14.11																		
DOZ-25	3063	BEML D-355	411 HP	25-04-2014	744	3	741	129	99.60	17.47	17.34																		
TOTAL																													
PAY LOADER																													
PL-5	11758	HN-2071	4.6	Apr-03	744	744	0	0	0.00	0.00	0.00																		
PL-6	18246	L&T KOMAT 470	280 HP	22-Jan-09	744	67	677	183	90.98	27.03	24.60																		
PL-7	15345	L&T KOMAT 470	280 HP	21-Jan-09	744	744	0	0	0.00	0.00	0.00																		
PL-8	7037	Hyundai-H770-7A	280 HP	01-Jun-10	744	744	0	0	0.00	0.00	0.00																		
BACK HOE	10302	BEML-BE-300LC	1 CUM	May-09	744	264	480	117	64.52	24.38	15.73																		
TOTAL																													
					3720	2603	1187	300	31.10	26.93	8.06				12.72	31920	17166	14764	4124	46.25	27.93	12.92	1352	0.33	15.30				

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EQUIPMENT AVAILABILITY & UTILISATION
Dec-15

EQUIP TYPE	NORM	KIRIBURU				MEGAHATUBURU				BOLANI				UNIT IN %				GUA					
		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		
DRILL	150 mm	70	70	75	16	57	42	85	39	58	42	75	38	59	47	63	16	47	37	69	11	72	17
SHOVEL	HYD(D) <4.6 m3	70	75	95	3	48	12	31	6	17	17	88	9	83	15	48	34	54	36	99	1	88	6
	HYD(D) >4.6 m3	85	80	66	30	85	62	60	42	61	42	72	35	77	45	26	52	25	56	77	30	75	38
	HYD(E)	70	70																				
DUMPER	35 in	65	75																				
	50 in	70	80			2	20	24	6	45	3	52	40	13	15	75	31	58	43	95	12	84	18
	100 in	85	80	95	36	81	52	67	60	77	49	79	56	77	55	13	24	30	50	89	34	81	45
DOZER		70	70	58	28	54	37	49	27	39	33	90	23	73	25	57	17	59	22	61	23	53	28
CRUSHING PLANT		85	85					80	60	81	66	87	74	84	64								
SCREENING PLANT		85	85					81	57	79	62	88	69	90	67								
OHP		85	85	67	72	79	74													97	91	96	86

Consumption of Key Consumables in 2015-16(Kiriburu)

Item	HSD			EXPL	POWER	LUBRICANT		DEPTT ROW	LEAN ORE	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
Unit	litre	TOTAL	kg	KWH	litre/kg										
NORM	MINES	DGSET										0.12	0.45	4.2	25
2009-10	2169464	1235710	3405174	746876	28112544	140977	4111830			1066410	817691	0.12	0.63	5.43	26.19
2010-11	2470622	1067100	3537722	940203	28786084	158970	4380210	0		1133550	826934	0.15	0.62	5.22	27.79
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	12608	3443634	24977		1334250	0	0.10	0.59	6.47	26.36
2014-15	2045312	860700	2906012	733330	31989330	110440	3893355	354285		1133350	638246	0.13	0.52	5.94	19.93
2015-16	1565305	603655	2168960	395780	23993759	83999	2858040	107145		1480050	201910	0.09	0.48	5.40	18.68
April'15	184476	65805	250281	56950	2423616	9659	397395	0		118260	51264	0.10	0.47	4.70	18.28
May'15	200270	65493	265763	65325	2528998	11340	391185	0		141795	52146	0.11	0.49	4.75	20.77
June'15	176565	71122	247687	47670	2452978	9870	311850	8550		136845	98500	0.09	0.51	5.36	20.48
July'15	174824	74585	249409	32945	2665207	8190	317160	16605		104625	0	0.08	0.57	6.08	18.68
August'15	186544	98000	284544	34590	2873939	9240	328050	15210		148635	0	0.07	0.58	5.84	18.78
Sept'15	146135	38205	184340	50635	2601234	9240	269910	25650		168660	0	0.12	0.40	5.60	19.90
Oct'15	160239	69770	230009	22960	2610649	8820	244710	7380		214560	0	0.05	0.49	5.59	18.90
Nov'15	170990	59420	230410	40395	2861216	7770	316170	22770		222210	0	0.08	0.41	5.10	13.85
Dec'15	165262	61255	226517	44310	2975922	9870	281610	10980		224460	0	0.09	0.44	5.76	19.09

Consumption of Key Consumables in 2015-16(Meghahatuburu)

Item	Unit	NORM	HSD		EXPL	POWER	LUBRICANT	DEPT ROM	REHANDLING	CONT ROM	DEPT OB	CONT OB	EXPL	lit/Tt	POWER	LUB
			Live	DOSCT												
2009-10		2286015	157906	2443921	696766	21392566	178640	3960000			827865	641208	0.13	0.46	4.47	36.29
2010-11		2144701	222113	2366814	673680	20553880	162346	4116120			1173465	509607	0.12	0.40	3.89	30.00
2011-12		2362533	225172	2587705	653591	21142080	141234	4286700			1554480	325440	0.09	0.44	3.62	23.85
2012-13		2503447	298360	2801807	464676	20066760	123987	4228320			2166885	30114	0.07	0.44	3.14	19.37
2013-14		2324310	162200	2486510	392686	20328120	129431	4426065			1807800	780350	0.06	0.39	3.26	20.38
2014-15		2220183	193500	2413683	319470	18089880	126073	3673080	337145	0	1305800	156000	0.06	0.44	3.63	23.61
2015-16		1676685	155400	1832085	386365	14672520	91099	2986785	0	0	1281600	896600	0.07	0.42	3.44	20.69
April 15		191698	15600	207298	39630	1418640	11284	314100	0	0	140100	50000	0.08	0.45	3.12	24.44
May 15		181769	8800	190569	46350	1457640	16263	371790	0	0	115800	95000	0.08	0.38	2.99	32.41
June 15		195087	20500	215587	52220	1445160	12698	312570	0	0	118900	85000	0.10	0.49	3.35	28.58
July 15		192542	53500	246042	33295	1890120	10217	388755	0	0	106900	81600	0.06	0.48	3.81	20.12
August 15		196689	15500	212189	49260	1972320	8624	345240	0	0	139800	85000	0.09	0.43	4.07	17.32
Sept 15		171415	15000	186415	50205	1537440	9725	227790	0	0	207400	150000	0.09	0.41	3.53	21.25
Oct 15		167588	14000	181588	28780	1530360	6524	308880	0	0	171150	150000	0.05	0.36	3.19	12.98
Nov 15		189430	6500	195930	38760	1629240	7238	337590	0	0	154400	50000	0.07	0.39	3.31	14.49
Dec 15		190467	6000	196467	47865	1791600	8526	380070	0	0	127150	150000	0.07	0.37	3.53	16.10

Consumption of Key Consumables in 2015-16(Bolani)

Item	HSD	Expt	Power	Lubricant	DEPT ROM	F/G AREA CONTR SCR	CONT ROM	DEPT OB	CONT OB	EXPL	HSD	POWER	LUB
Unit	Litre	kg	KWH	Litre/Kg									
NORM										0.11	0.43	4.8	25
2009-10	1975609	649121	22937454	159598			635917	859850	428359	0.12	0.43	4.66	35.06
2010-11	2026625	479122	23080560	118412			573189	785490	196165	0.10	0.48	4.90	27.87
2011-12	1998636	534534	21235920	100300			684985	796330	164403	0.11	0.50	4.68	25.18
2012-13	1783555	514007	19644960	91014			470897	838270	506624	0.12	0.50	5.02	25.35
2013-14	1872289	635069	20288400	103250			952901	1049150	667212	0.11	0.45	4.15	24.70
2014-15	2149181	810530	21124800	109435		200000	677254	738201	1792737	0.12	0.44	4.28	22.23
2015-16	1688799	749674.8	16310880	84634		0	1250640	1133430	990548	0.12	0.38	3.17	18.99
April 15	188702	91390	1698240	10482			85341	97850	148500	0.14	0.38	3.24	21.07
May 15	158454	67500	1410000	11820		0	81843	245400	18241	0.14	0.40	3.09	29.57
June 15	175697	94151	1734240	9491		0	129519	96200	41806	0.15	0.37	3.06	19.74
July 15	185191	103560	2015520	12136		0	129519	96200	41806	0.15	0.37	3.06	19.74
August 15	191944	82795.84	1937280	8702		0	131568	128400	117538	0.15	0.35	3.39	23.14
Sept 15	186707	57258	1797120	11773		0	124736	165400	162003	0.11	0.35	3.22	15.85
Oct 15	201410	83705	2016480	7630		0	159178	101950	142787	0.08	0.40	3.30	25.52
Nov 15	197293	87995	1885200	4998		0	180531	80750	184204	0.10	0.38	3.24	14.30
Dec 15	203401	80720	1816800	7602		0	180929	98750	107298	0.12	0.39	3.04	9.78
							176995	118730	68171	0.12	0.41	2.95	15.19

Consumption of Key Consumables in 2015-16(Barsua)

Item	HSD			Expl		Power		Lubricant		DEPTT ROM	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
Unit		Litre		Kg		KWH		Litre/Kg									
NORM	MINES	DGSET	TOTAL											0.08	0.46	4.90	25.00
2009-10	166967			265625	18144038	100192		2105005				1429236	390136	0.07	0.46	5.13	27.59
2010-11	1748928			281925	18683800	86383		2347022				1244730	1169576	0.06	0.45	5.20	22.23
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		2281286				1350990	175281.7	0.07	0.52	4.12	27.19
2013-14	1592619	74350	1666869	253695	18204460	101571		1905428				1257525	652709	0.07	0.51	5.76	31.15
2014-15	1351019	18140	1369159	230450	17518920	62960		269920				263065	350000	0.07	0.46	6.03	21.29
2015-16	878561	5040	883601	181150	11899280	34547		0		0		1710040	0	0.11	0.52	6.96	20.20
April'15	103342	0	103342	29500	1407680	6510		0		0		215325	0	0.14	0.48	6.54	30.23
May'15	110792	0	110792	24000	1358480	2464		0		0		224325	0	0.11	0.49	6.06	10.98
June'15	106967	830	107797	16500	1219440	4563		0		0		214875	0	0.08	0.50	5.68	21.24
July'15	96445	200	96645	24700	1348480	2520		0		0		179505	0	0.14	0.54	7.51	14.04
August'15	90758	770	91528	22100	1388920	4172		0		0		176125	0	0.13	0.52	7.89	23.69
Sept'15	89383	1050	90433	17800	1171640	3331		0		0		168660	0	0.11	0.54	6.95	19.75
Oct'15	99221	660	99881	19550	1249520	3514		0		0		220365	0	0.09	0.45	5.67	15.95
Nov'15	95349	880	96229	13500	1293040	5585		0		0		156915	0	0.09	0.61	8.24	35.59
Dec'15	86304	650	86954	13500	1462080	1688		0		0		153945	0	0.09	0.56	9.50	12.26

Consumption of Key Consumables in 2015-16(Gua)

Item	HSD			Expl	Power	Lubricant	DEPTT ROM		CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	POWER	LUB
Unit	Litre			kg	KWH	Litre/Kg									
NORM	MINES	DGSET	TOTAL									0.09	0.55	4.6	25
2009-10	1450180		1450180	295072	17004696	91157	2147645			801127	420000	0.09	0.47	5.77	29.85
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	267615	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	1991195	16180	2007375	313020	13842648	69912	2713780		206115	1071775	198718	0.08	0.52	3.66	18.18
April'15	227832	200	228032	55025	1483728	8960	325890		36762	88875	97643	0.11	0.52	3.58	20.60
May'15	233542	900	234442	52550	1469040	5633	323280		65560	121060	82745	0.10	0.50	3.31	12.07
June'15	230267	3980	234247	50460	1494024	10126	304965		75482	106335	18330	0.12	0.55	3.63	23.97
July'15	236285	1400	237685	32350	1567992	9306	304785		0	85815	0	0.08	0.61	4.01	23.82
August'15	226555	1900	228455	30330	1565184	8153	308665		0	142425	0	0.07	0.51	3.47	18.07
Sept'15	225907	2000	227907	26205	1489848	8624	312885		0	164880	0	0.05	0.48	3.12	18.05
Oct'15	214607	1400	216007	23925	1581384	7126	272610		0	101205	0	0.06	0.58	4.23	19.06
Nov'15	201866	700	202566	22375	1502136	5390	265185		3901	123345	0	0.06	0.52	3.87	13.85
Dec'15	194334	3700	198034	19800	1689312	6524	295515		24410	137835	0	0.05	0.45	3.90	14.93

STATUS OF LEASE, ENVIRONMENT & FOREST OF RAO MINIS, SAIL						Status as on December 2015 ENVIRONMENT & FOREST	
S/N	GRANTED ON	VALID UP TO	AREA (in ha.)	RENEWAL APPL. DATE	FORESTED CLEARANCE (FC)		
MINER 3THR (lease)	28-Mar-60	31st March 2020	1936.06	17-02-2009 (2nd RML)	Stage II FC granted by MoEF&CC vide letter dated 26.11.2014. Scada & EC granted by MoEF&CC for 10 MTPA capacity on 27.12.2006. For enhanced capacity of 16 MTPA the Project has been submitted with the true & present, proposed forwardation to Stage II FC. The Project has been approved by MoEF&CC on 25.03.2015. CTO FOR 16 MTPA capacity has been granted by JSRCB on 30.12.2015 for the period 01.01.2016 to 31.12.2016.		
					Stage I FC granted by MoEF&CC vide letter dated 26.11.2014. Scada & EC granted by MoEF&CC for 10 MTPA capacity on 27.12.2006. For enhanced capacity of 16 MTPA the Project has been submitted with the true & present, proposed forwardation to Stage II FC. The Project has been approved by MoEF&CC on 25.03.2015. CTO FOR 16 MTPA capacity has been granted by JSRCB on 30.12.2015 for the period 01.01.2016 to 31.12.2016.		
					Stage I FC granted by MoEF&CC vide letter dated 26.11.2014. Scada & EC granted by MoEF&CC for 10 MTPA capacity on 27.12.2006. For enhanced capacity of 16 MTPA the Project has been submitted with the true & present, proposed forwardation to Stage II FC. The Project has been approved by MoEF&CC on 25.03.2015. CTO FOR 16 MTPA capacity has been granted by JSRCB on 30.12.2015 for the period 01.01.2016 to 31.12.2016.		
Lease - II	6-Feb-73	31st March 2020	879.439	14-02-2012	Forestry clearance for the total broken area of 55.9 Ha is valid till the lease period i.e. 2023.	Ore Beneficiation Plant & loading facilities of Manganese from Ore Mine are located in the lease-II.	
Lease - III	4-Oct-73	31st March 2020	82	9-26-2002	Forestry clearance for the total broken area of 24.23 Ha is valid till the lease period i.e. 2023.	Tailing Pond of Kothnora Iron Ore Mine is located in the lease-III.	
Ironore lease	1-Jan-79	12-31-1999	1081.98	-	SAIL has filed Revision application with mining tribunal against State Govt's order of granting of lease and rejection of lease renewal application.	No EC	
RODANI	11-Apr-60	4-10-2020	1321.45	26-02-2009 (2nd RML)	Stage-II FC granted by MoEF&CC on 11/12/2012. MoEF&CC has also granted forest clearance for the remaining forest land covering 201.95 ha on 12.11.2014.	EC granted for protection of Iron Ore 12 MTPA, RONI 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 granted by JSRCB on 30.12.2015 & valid upto 31.03.2016. Application for renewal of CTO for the year 2015-17 has been submitted on 18.11.2015.	
6.9 sq. mile lease	14-Nov-62	11/12/1982	1586.26	26-02-2002 (2nd RML)	Stage-I FC was granted by MoEF&CC on 24.02.2009. F&C mining held on 30.04.2014 & Stage-I FC grant order MoEF&CC vide letter dt. 22.08.2014 has directed State Govt. for the inspection of area under forest land lying within 6.9 Sq. Mile. Lease. Compliance of conditions are under progress.	Granted EC on 21.12.12 for production of 15800 TPA Manganese Ore.	
IRRSUL&ALTA							
ML No-139	6-Jan-60	1-5-2020	3186.483	NA	Stage-II FC granted by MoEF&CC on 06.03.2013.	EC granted by MoEF&CC vide letter dated 20th Dec 2010 Consent to Operate (for & Wast) granted for 808 MTPA capacity (2.5 MTPA from Baran - 13 MTPA from Kothnora - 4.25 MTPA from Tadob) by JSRCB on 30.12.2015. Valid upto 31.03.2016. Consent to Operate has been renewed on 18.03.2015 with validity upto 31.03.2016.	
ML No-162	29-Apr-66	31st March 2020	77.94	4-21-1999	Stage-I FC for diversion of 77.49 ha including 2.62 ha of safety zone along with the one year working permission has been granted by MoEF & CC vide F. No. 8-18-2014-F.C. dated 10.02.2015 with 29 sq. m. of conditions. Stage-I Compliance alongwith other associated conditions related to CA scheme has been communicated to DFO on 26.11.2015.	Ore Beneficiation Plant, Mining Plant, Conveyors, part of the Tailing Pond located under this lease.	
ML No-139	17-Jan-75	31st March 2020	25.981	14-2014	Diversion Proposal including safety zone has been submitted to PCCF on 21.01.2014.	Non-working lease. No EC	
ML No-227	18-Jan-84	31st March 2020	3.24	04.01.2003	Preparation of Diversion Proposal is under progress.	Non-working lease. No EC	
ML No-232	18-Aug-69	31st March 2020	17.44	8-16-1988	This zone lies within ML-139 for which Stage-2 FC has already been granted.	Non-working lease. No EC	

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STATUS OF LEASE, ENVIRONMENT & FOREST OF RAO MINES, SRI					Status as on December 2015	
					FORESTARY CLEARANCE (FC)	ENVIRON. CLEARANCE (EC)
SINE	GRANTED OR	VALID UP TO	AREA (in ha.)	RENEWAL APPL. DATE		
BHUVANVATHIPUR GORGON	25-Oct-72	31st March 2010	228.46	18-10-2011 (2nd RML)	Division Proposal for the forest land under the lease has been submitted on 29/08/2013. Forwarded to DFO on 19/09/2013.	Recently, MoEFCC, New Delhi has been approved the TORs of three leases viz. Chaguna, Gorgon & Saranya lease of Bhuvanathipur as per the following approval details:- Chaguna - MoEF CC letter no. J-1101516/2013(A)(A) dated 10/12/2014 Saranya - MoEFCC letter no. J-1101516/2013(A)(A) dated 12/12/2014 & Gorgon - MoEF CC letter no. J-1101516/2013(A)(A) dated 12/12/2014. Analysis of the data and preparation of draft EIA are under progress.
CHAGUNA	23-Oct-72	31st March 2010	673.678	18-10-2011 (2nd RML)	Forest DP has been submitted to FC/CF (Noida) on 01/10/13. Proposal forwarded to DFO on 22/10/13.	
SARANYA	31-Mar-06	31st March 2010	775	01-03-2007 (3rd RML)	Forest DP has been submitted to FC/CF (Noida) on 01/10/13. Proposal forwarded to DFO on 22/10/13.	
PRANAPANI	6-Jan-80	31st March 2010	206.525	12-30-1998	NO FC till date. Director of Mines, Odisha sent mine clarification & status of PLDO to Adm. Sect. to Govt. of Odisha on 04/02/2015. Request letter made to Govt. on 12.03.2015 & 18.03.2015 to early renewal of the lease.	No request
CHAITANYANAR	29-Apr-80	128-2000	153.81	31-6-1999	Regular follow up by mines to expedite the case.	No request
NETESWAR	15-May-92	5/14/2012	91.14	NA	No forest land.	EC granted by MoEFCC vide letter no. J-1101516/2012(A)(A) dated 17.08.2015.
RIGHT BANK LEASE	10-Jun-91	6/9/2021	944.89	NA	No forest land.	EC granted by MoEFCC vide letter no. J-1101516/2012(A)(A) dated 02.09.2015.
TULSIANAR	30-Oct-69	31st March 2010	116.72	26-10-2008 (2nd RML)	DFO, Gorgon vide his letter dated 09/10/2014 directed to submit the diversion proposal as per the modified guidelines including DCRS survey maps. Modification of Division Proposal is under progress.	EC granted in 24.01.1995. Action initiated for obtaining EC, Air & Water consent issued by JSRCB on 26.11.2012 for the period of 01.04.12 to 31.03.13. Subsequent renewal applications submitted for each year. Form 1 & Pre-feasibility report has been prepared & submitted to MoEFCC for EIA Study (24.01.2013). EC meeting conducted on 15th March 2013 for TOR presented to MoEFCC for EIA Study. Has been issued by MoEFCC on 12.05.2012. The diversion proposal submitted for extension of production capacity of 5.0 MN PPK base for mining upto 30.06.2015. Operator for RD Siding has been granted by JSRCB on 12.05.2014. Mining consent to Operator for RD Siding has been completed & draft EIA will be finalized after approval of RD by State Govt. Applied for renewal on 18.03.2015. Considering the delay in approval of RD by State Govt., request made to MoEFCC for extension of validity of TOR. MoEFCC vide letter dated 05.06.2015 extended validity of TOR by one year i.e. upto 12.05.2016. Draft EIA report is under preparation.

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RMD MANPOWER POSITION AS ON 01.01.2016			
	Executives	Non-Executives	Total
A. ORE MINES			
Kiriburu	97	615	712
Meghahatuburu	73	597	670
Bolani	103	522	625
Barsua	64	328	392
Kalta	18	69	87
Gua	73	596	669
Manoharpur(Chiria)	19	67	86
A. TOTAL	447	2794	3241
B. FLUX MINES			
Purnapani	2	9	11
Kuteshwar	29	162	191
BNP & TDMR	14	189	203
Satna	0	1	1
B. TOTAL	45	361	406
C. OFFICES			
Kolkata	81	35	116
Rourkela	14	22	36
Bokaro	1	6	7
Durgapur	1	6	7
Delhi	5	2	7
Bhubaneswar	1	4	5
Chakradharpur	0	1	1
Ranchi	4	1	5
Bhiliwara	1	0	1
Burnpur	1	0	1
MT	29	0	29
C. TOTAL	138	77	215
GRAND TOTAL(A+B+C)	630	3232	3862
Manpower as on 01.12.2015	632	3248	3880
Reduction(-) / Increase(+)	-2	-16	-18

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ACCIDENT STATISTICS

MINES	FATAL		REPORTABLE		MANDAYS LOST	
	Dec'15	Cumulative	Dec'15	Cumulative	Dec'15	Cumulative
KIOM	NIL	NIL	NIL	1	31	48
MIOM	NIL	1	NIL	NIL	NIL	6000
BOM	NIL	NIL	NIL	NIL	NIL	NIL
BIM	NIL	1	NIL	NIL	NIL	6000
KIM	NIL	NIL	NIL	NIL	NIL	NIL
GOM	NIL	NIL	NIL	NIL	NIL	NIL
MOM	NIL	NIL	NIL	NIL	NIL	NIL
BNP	NIL	NIL	NIL	NIL	NIL	NIL
TDMR	NIL	NIL	NIL	NIL	NIL	NIL
KTR	NIL	NIL	NIL	NIL	NIL	NIL
PL & DQ	NIL	NIL	NIL	NIL	NIL	NIL
CUMULATIVE FROM JANUARY 2015						

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Highlights of CSR activities of RMD for the month of December, 2015

As per the commitment given to Honble CM, Jharkhand during his CSR meeting on 19/06/15 at Kiritpur, Dtr (RM&L) SAIL has handed over 5 nos. of TOYOTA INNOVA Model 2.5G (E3), 7 seater to ADG, Police Jharkhand in an informal function at Ranchi on 6th December, 2015. The total value of five vehicles is Rs.56.58 lakh. The vehicle are now being used by Jharkhand Police for High-way patrolling in Singhbhum(West).

Kiritpur Iron Ore Mines :

Eklavya Archery Academy : 11th Jharkhand Archery Championship 2015 held on 8th Dec 2015 at Jamshecpur wherein cadets of Eklavya Archery Academy participated. Achievements are as follows :

Sub-Junior Category : Gold- 2: Kamal Kishore (Individual), Kamal Kishore, Prakash Pan, Karan Hansda (Team); **Bronze – 1:** Priyanshu Mishra, A.Yishnu, Suresh Gupta (Team)

Junior Category : Silver – 3: Indrachand Swami (Individual), Indrachand Swami, Prakash Pan & Kamal Kishore (Team), Archana Sharma, Pinky Bodra, Sangeeta Murmu & Reeta Hembram (Team); **Bronze – 1:** Prakash Pan (Individual)

Senior Category : Silver – 2: N.Lavanya, Soelhal Dyakar, Archana Sharma, Sangeeta Murmu (Team), Sunil Bantli (Team of West Singhbhum).

Gua Ore Mines :

To promote local talent and to encourage students towards games, Gua Ore Mines Organized Inter Village football Tournament on 17th& 18th December, 2015 along with distribution of jersey and footballs among eight teams of eight peripheral villages. Participated villages are Lipunga, Nua, Thakura, Gusat, Bichakri, Bahatu, Jajogita & Rajabera.

Bolani Ores Mines :

Ladies Cricket Coaching Centre, Bolani : The camp for selection of players for playing in Jharkhand Senior women's T-20 team has been organised at Ranchi in the month of December in which Four (04) nos.of players namely Ms.Rashmi Gudya, Ms.Ashrani Soren, Ms. Purnima Roy & Ms. Pinky Tikey from LCCC Bolani participated in the camp. In the selection camp, Ms Rashmi Gudya selected for representing Jharkhand State & selected for playing National Senior T-20 league which is being played at Ranchi, Haryana from 03rd Jan 2016.

STEEL PLANT

PERFORMANCE

PROFILE

IRON ORE STOCK INVENTORY BEHAVIOUR
DECEMBER 2015
IRON ORE LUMP

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
	01.04.2015	01.12.2015					01.01.2016		
BSL	58	105	154	1630	165	1553	88	-17	30
DSP	23	58	85	848	93	822	50	-8	27
RSP	20	91	141	1359	115	1074	98	7	78
ISP	20	50	61	615	54	446	49	-1	29
TOT	121	304	441	4452	427	3895	285	-19	164

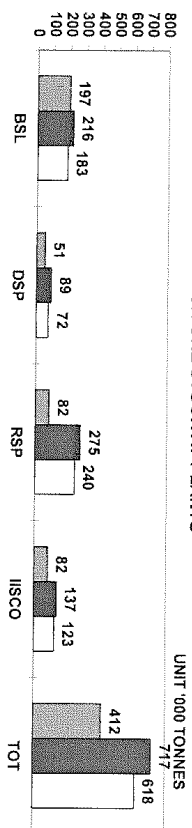
IRON ORE FINES

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
	01.04.2015	01.12.2015					01.01.2016		
BSL	139	111	269	2678	304	2851	95	-16	-44
DSP	28	31	200	1564	209	1569	22	-9	-6
RSP	62	184	245	2439	376	3266	142	-42	80
ISP	62	87	112	1133	145	1249	74	-13	12
TOT	291	413	826	7814	1034	8935	333	-80	42

IRON ORE TOTAL

PLANT	STK	STK	RECEIPTS		CONS		STK	ST+/-	
			MTH	CUM	MTH	CUM		MTH	YR
	01.04.2015	01.12.2015					01.01.2016		
BSL	197	216	423	4308	469	4404	183	-33	-14
DSP	51	89	285	2412	302	2391	72	-17	21
RSP	82	275	386	3798	491	4340	240	-35	158
ISP	82	137	173	1748	199	1695	123	-14	41
TOT	412	717	1267	12266	1461	12830	618	-99	206

IRON ORE STOCK AT PLANTS



PRODUCTION PERFORMANCE DECEMBER 2015

हॉट मेटल

संचयन	FOR THE MONTH			CUMUL FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	368	299	81	2975	2825	95	3201	-12
दूरापुर	204	211	103	1611	1600	99	1693	-5
राउरकेला	340	214	63	2835	2305	81	2292	1
बर्नापुर	185	114	62	1502	1038	69	228	355
TOTAL	1097	838	76	8923	7768	87	7414	5

UNIT 000 TONNIES

सिल्लर

UNIT 000 TONNIES

संचयन	FOR THE MONTH			CUMUL FOR YR			LAST YR	GRTH %
	TGT	ACT	%FF	TGT	ACT	%FF		
बोकारो	460	373	81	3818	3584	94	3805	-6
दूरापुर	292	303	104	2307	2204	96	2342	-6
राउरकेला	515	338	66	4328	3771	87	3532	7
बर्नापुर	299	180	60	2434	1593	65	191	734
TOTAL	1566	1194	76	12887	11152	87	9870	13

IRON ORE RECEIPTS FOR THE MONTH OF DECEMBER 2015

FIGS IN '000 T

Lump Receipt										
	KBR	MBR	BOL	BAR	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	41	45	52			16				154
DSP			64			21				85
RSP	35	50			41	12		3		141
ISP			19			13		29		61
TOT	76	95	135		41	62		32		441

Fines Receipt										
	KBR	MBR	BOL	BAR	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	50	102	68			38		11		269
DSP		3	123			74				200
RSP	61	57	53		49	25				245
ISP			63			49				113
TOT	111	162	307		49	186		11		826

Total Receipt										
	KBR	MBR	BOL	BAR	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	91	147	119			54		11		423
DSP		3	187			95				285
RSP	96	107	53		90	37		3		386
ISP			83			62		29		174
TOT	187	257	442		90	249		43		1268

IRON ORE RECEIPTS TILL THE MONTH OF DECEMBER 2015

FIGS IN '000 T

Lump Receipt										
	KBR	MBR	BOL	BAR	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	577	456	397		22	145		32		1629
DSP	3	32	562			251				848
RSP	251	279	145		343	194		148		1360
ISP	51	19	255		110	88		92		615
TOT	882	786	1359		475	678		272		4452

Fines Receipt										
	KBR	MBR	BOL	BAR	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	862	870	539		25	315		61		2672
DSP	10	57	859			638				1564
RSP	362	977	400		263	375		64		2441
ISP	21	92	526		89	347		58		1133
TOT	1255	1996	2324		377	1675		183		7810

Total Receipt										
	KBR	MBR	BOL	BAR	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	1439	1326	936		47	460		93		4301
DSP	13	89	1421			889				2412
RSP	613	1256	545		606	569		212		3801
ISP	72	111	781		199	435		150		1748
TOT	2137	2782	3683		852	2353		455		12262

PRESENT BASE FREIGHT IN RS PER TONNE IN TRAIN LOAD CLASS

	BSL (BSCS)		DSP (DSEY)		RSP (HSPG)		IISCO (IISD)		BSP (BSPC)	
	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
IRON ORE										
180 CLASS to 165 CLASS	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15
KRBUN/B) (FOS)	371	613.00	409	687.60	89	234.00	377	650.10	541	874.70
KRBUN/O/B) (SOBK)	371	613.00	409	687.60	90	234.00	377	650.10	541	874.70
MBR (SSMK)	371	613.00	409	687.60	89	234.00	377	650.10	541	874.70
BOLANI (BYFS)	272	467.80	318	540.00	223	392.50	286	504.90	683	1097.30
BARSLA (PBSB)	348	576.50	390	650.10	68	234.00	352	650.10	523	874.70
ROXY (HLSR)	332	576.50	380	650.10	59	234.00	346	576.50	513	874.70
GUJA (ISCG)	265	467.80	311	540.00	216	392.50	279	504.90	667	1097.30
MANOHARPUR (IISM)	241	430.20	287	504.90	33	234.00	256	467.80	489	799.30
DALLIRAJHARA (DRZ)	827	1317.70	871	1390.50	548	874.70	832	1317.70	83	234.00

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

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