

SEPTEMBER'2017



<u>द्वारा प्रकाशितः</u> पीपीसी विभाग रॉ मेटेरियल्स डिवीजन भारतीय इस्पात प्राधिकरण

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SAIL/RMD/PPC			
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For the month of September'2017

Production :

- 93% APP tulfillment in Total Production by RMD Mines.119%,100%,90% & 87% APP tulfillment in production by Kirirburu, Meghahatuburu, Bolani & Gua Mines respectively.
- 101% & 90% APP fulfillment in Lump & Fines Production Respectively by RMD Mines.
- 87% APP fulfillment in Flux production. 81% & 127% APP fulfillment in production by Kuteshwar & Julsidamer Flux Mines.

Despatch

- 89% APP fulfillment in despatch of iron ore and 86% APP fulfillment in Flux despatch by RMD Mines.
- 93% & 87% APP fulfillment in Lump & Fines Despatch Respectively by RMD Mines.
- 80% & 127% APP fulfillment in Flux despatch by Kuteshwar Limestone & Tulsidamar Dolomite mines respectively.

440 Rakes Despatched in August'2017

Details of Rake Despatched

COMM August'17 L 26 F 63 F 63 F 63 L 55 F 81 L 12 F 0 L 15 F 20 L 16 F 57 F 57 F 27 TOTAL 434		2		4	3	G	<u> </u>	7	ς .	-	4	9		IVI	 S		<u> </u>	_	
COMM August'17 L 26 F 63 L 25 F 63 L 55 F 81 L 12 F 0 L 15 F 20 L 16 F 20 L 149 F 285 F 285	10.	Ý	5	ľΛ	B .	UA	-	ř	≥	}	2	-	2	7	5	5		MINES	
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1117017-1 164 365 149 307 276 459 60 0 0 84 79 117 357 28 111 880 1578	434	285	149	1	0	57	16	20	15	0	12	81	55	63	25	63	26	August'17	
	2458	1578	880	11	28	357	117	79	84	0	60	459	276	307	149	365	164	TILL2017-18	

2458	434	TOTAL	
1578	285	Ţ	TOTAL
880	149	L	
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404	82	F	NJF .
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331	56	7	USF
168	34	l	DCB
481	89	F	סטר
272	46	ľ	<u> </u>
TILL 2017-18	August'17	COMMODITY	PLANT
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IRON ORE MINES OPERATIONS (FINISHED PRODUCL)

SEPTEMBER 2017

PRODUCTION

UNIT 000 TONNES

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93	101		10	25			87	88	84		102	113	90		55		117				70	3 8	\$ 5	103	100	91	119		119	116	124		%FF		FOR MONTH
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85	8 8		43	31	52		93	92	95		77	73	80		46		79				01	? ?	7 %	3	85	83	06		102	103	101		%FF		LNOW
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-3.8 -2.9	-1.4		-47.1	-56.1	-41.5		4.9	-3.5	-9.2		79.3	291.8	19.6								6.21-	1 2	14.1	10.3	-7.5	-11.1	0.1		-0.7	3.0	-8.1			OVER	GRTH %
61				12			95				48				37						70	1			63				76				%	UTLN	CAP

IRON ORE MINES OPERATIONS (FINISHED PROBLE)

SEPTEMBER 2017

UNIT 000 TONNES

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 | | TALDIH | | | | BARSUA | | |

 | BOLANI | | | | TUBURU | MEGHAHA |
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IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

SEPTEMBER 2017

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	t	\dagger	+	-{	78	4		7)	92	81	TOTAL EXCAVATION		93	# # # # # # # # # # # # # # # # # # #	3 3	2	78	57		8	<u>8</u> 5	100				٤	3		8		32	œ	58	99	56		%FF				S
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	1	15096	211	2734	550	105	1211	3814	3258	3213	$\ \ $	۱	; -	5 \	∞ 	4	7	_	_	0		-				ł	-	-				 .	_	<u> </u>	+	$\left\{ \right.$			$\{\ \}$		TE
		-4.5	-36.0	-4.8	10.7	254.3	-99.4	2.4	16.3	-6.6	$\left \cdot \right $			-1.0	-35.1	-5.0	20.1	 		-12.6	4.6	1.4					10.1	100.0	4.1	-100.0	35.2	99.4	46.0	129	0.17		13134	GRTH %]		

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	%Chg	DIFF	hange (Total	Sep-17	Aug-17	Jul-17	J ບກ-17	May-17	Apr-17					Total	
	-11.0	-370350	Change Over Last Year	2999910	557660	487860	395010	504310	488520	566550	101 EXC				3370260 2090520 1279740 3259355 1699955 1559400 3814690 2840429 974261 1211265 0	
	1.4	29970	egr	2120490	364050	403920	344160	370440	318330	319590	ROM	Kirlburu			2090520	
	-31.3	-400320		879420	193610	83940	50850	133870	170190	246960	08				1279740	
,	16.3	530715		879420 3790070	645350	747990	630510	644460	547990	573770	101 EXC	Mer			3259355	
	4.6	78265			409950	315990	323010	336060	260190	133020	ROM	Meghahatuburu			1699955	
	29.0	452450		1778220 2011850 3902745 2482410 1420335	235400	432000	307500	308400	287800	440750	ဋ္ဌ	יזי			1559400	ļ
	2.3	88055		3902745	675522	560903	779891	710439	594504	581486	101 EXC				3814690	ļ
	-12.6	-358019		2482410	432019	430152	354928	397643	458911	408757	RO≸	Bolani			2840429	
	45.8	446074		1420335	243503	130751	424963	312796	135593	172729	8				974261	
	.99.4	-1204335		6930	٥	1620	0	945	4365	٥	101 EXC				1211265	
	#DIV/0!	٥		٥	٥	0	٥	• ·	0		ROM	Barsua	THIS			
	.99.4	-1204335 369835 228265 141570 10		6930		1620	٥	945	4365		ဓ္		THIS YEAR EXCAVATION PERFORMANCE 2011		1211265 0 0	
	#DIV/0! #DIV/0! #DIV/0!	369835		369835	52427	33313	71623	88977	74495	49000	TOT EXC		CAVATION			
	#DIV/01	228265		228265	40592	295,33	49888	46902	36650	24700	ROM	Taldih	PERFOR		٥	
	#D1V/08	141570		141570	11835	3780	21735	42075	37845	24300	စ္အ		MANCE		0	
	20.1	101813		608113 608113	100760	96353	74600	87500	123600	125300	101 EXC		2017-18		506300	
	20.1	101813		608113	100760	96353	74600	87500	123600	125300	ROM.	ĕ ĕ			506300	×
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	-4.8	-130071		2602953 1903100 699853	445325	452670	410365	427628	430265 315200	436700 320600 116100	TOT EXC ROM				2733024	
	5.0	-99635		903100	295700	315600	323000	333000		320600	ROM	Gua			2002735	
	-4.2	30436		699853	149625	137070	87365	94628	115065	116100	g ₀				730289	
	-48.4	-125983		134267	4589			31287	49712	48679	TOT EXC ROM	¥.			260250	
	-47.7	-99635 -30436 -125983 -122530 -3453 -740321		134267	4589	٥	٥	31287	49712	48679		Manoharpur			256797	
	-100.0	.34S3		0	۰	0	۰	0	0	6	စ္အ	L			3453	Į
	-4.9	-740321		14414823 9254865 5159958	2481633	2380709	2361999	2495546 1602832	2313451	2381485 1380646	101 EXC	æ:			506300 506300 0 2733024 2002735 730289 260250 256797 3453 15155144 9396736 5758408	
	-1.5	-141871		9254865	1647660	1591548 789161	1469586	1602832	1562593		RO.M	RMD TOTAL			9396736	
	10.4	-598450		5159958	833973	789161	892413	892714	750858	1000839	ဇ္ဗ				5758408	

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	Gud 101 EXC ROM 409550 305735 451380 331500	0 186030 0 22770
1 1-41 1	101 EXC	2741534 1777004 101453

	%Chg	DIFF	Change	Total	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17				
	-7.9	-54316	Change Over Last Year	636280	112140	125088	94020	100070	106745	98217	LUMP			
	3.1	43299	Year	1443223	244026	245729	250140	270370	211585	221373	FINES	Kiriburu		
	-0.5	-11017		1443223 2079503	356166	370817	344160	370440	318330	319590	ī			
	0.7	3711		523475	118839	116632	92232	82706	70752	42314	LUMP	Meg		
	-11.1	-131984		523475 1052475 1575950	191549	147047	168657	232536	177349	135337	FINES	Meghahatuburu		
	-7.5	-131984 -128273 -114952 -241387 -356339			310388	263679	260889	315242	77349 248101	177651	ΙΟΊ	S		
	-10.6	-114952		967691	180000	184599	121037	157170	174492	150393	LUMP			
	-14.1	-241387		1469504	236999	261823	192991	242913	280029	254749	FINES	Bolani		
	-12.8	-356339		1469504 2437195	416999	446422	314028	400083	454521	405142	<u></u>			
	-12.8 #DIV/01	184318		184318	40592	29533	24980	26726	41093	21394	UMP P		THIS YE	
	#DIV/0!				_	_					FINES	Taldih	AR PRODU	
7	#DIV/0!	184318		184318	40592	29533	24980	26726	41093	21394	₫		CTION PI	
	19.6	51120		311470	54105	52147	51291	41059	55660	57208	LUMP		THIS YEAR PRODUCTION PERFORMAN	
	285.5	211858 2		286066 5	78703 1	44206	18756	31414	54424	58563	FINES	Kalta	NCE 2017-18	
	78.6	62978 -		97536 4	132808 66780	96353	70047	72473	10084	115771	₫		8	
	.9,4	48093		63077 1	66780	61660 2	70132	80324	91253 2	92928 2	LUMP			
	-3.5	51542		140023	228920 295700	253940 315600	252868	252676	223947	92928 227672 320600	FINES	GVa		
	-5.0	-99635 -		903100	295700	315600	323000	333000	315200	-	₫			
	-5.0 ·42.3 ·56.5	67234 -5		91741 4	_			30594	30522	30625	LUMP F	Mar		
		5245 -1		12575	4589			742	19190	18054	FINES	Manoharpur		
	-47.7	22479		34316 3	4589			31336 518649	49712 570517	48679	ō	_		ŀ
	-1.4	1858 262978 -48093 -51542 -99635 -67234 -55245 -122479 -45446 -225001		<u>186066 597536 463077 1440023 1903100 91741 42575 134316 3178052 5733866 8911918</u>	4589 572456 984786 1557242	569659	453692			493079	LUMP	R.V.		
	-3.8	225001		733866	984786	952745 1522404	883412 1337104	1030651 1549300	966524 1537041	915748 1408827	FINES	RMD TOTAL		
	-2.9	-270447		3911918	1557242	1522404	1337104	1549300	1537041	1408827	Ō			

Total Tota	Total	Sep-16	Aug	Jul-	Jun	Ma	Apr			Unit
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	Щ	Н	-16	_	L	_	┝			Unit in le
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	590596		118605		$\overline{}$	113386	85790	LUMP		
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	1399924		200535	246754	266736	255254	227770	FINES	Kiriburu	
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	2090520	344520	319140	358380	386280	368640	313560	ō		
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	519764	69981	51448	63124	119903		105254	LUMP	Meg	
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	1184459	179763	144568	118841	245764	260094	235429	FINES	thahatub	
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	1704223	249744	196016	181965	365667	370148	340683	ō	vru	
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	1082643			176630	189469	182779	186354	LUMP		
LUMP FINES TOT LUMP TOT LUMP TOT TOT TOT TOT TOT TOT TOT TOT TO	1710891	247954	246460	255034	326780	327944	306719	FINES	Bolani	
MANCE 2018-17 Koffa Koffa TOT LUMP FINES TOT LUMP FINES TOT LUMP FINES TOT S43246 101660 11362 75249 100764 238735 33570 28417 10698 39115 599287 1096081 7588 81549 100032 242168 342200 24130 24385 48515 627039 111342 7588 81549 100032 274098 365800 27311 16037 43348 471839 910764 11363 41618 71388 273412 344800 35929 17603 53532 474370 898011 34415 66204 70100 242600 312700 17605 16373 33978 507717 923981	2793534	424551			516249	510723	493073	₫		 _
MANCE 2018-17 Koffa Koffa TOT LUMP FINES TOT LUMP FINES TOT LUMP FINES TOT S43246 101660 11362 75249 100764 238735 33570 28417 10698 39115 599287 1096081 7588 81549 100032 242168 342200 24130 24385 48515 627039 111342 7588 81549 100032 274098 365800 27311 16037 43348 471839 910764 11363 41618 71388 273412 344800 35929 17603 53532 474370 898011 34415 66204 70100 242600 312700 17605 16373 33978 507717 923981								LUMP		KALOON
MANCE 2018-17 Koffa Koffa TOT LUMP FINES TOT LUMP FINES TOT LUMP FINES TOT S43246 101660 11362 75249 100764 238735 33570 28417 10698 39115 599287 1096081 7588 81549 100032 242168 342200 24130 24385 48515 627039 111342 7588 81549 100032 274098 365800 27311 16037 43348 471839 910764 11363 41618 71388 273412 344800 35929 17603 53532 474370 898011 34415 66204 70100 242600 312700 17605 16373 33978 507717 923981								FINES	Taldih	TEAR PK
MANCE 2018-17 Koffa Koffa TOT LUMP FINES TOT LUMP FINES TOT LUMP FINES TOT S43246 101660 11362 75249 100764 238735 33570 28417 10698 39115 599287 1096081 7588 81549 100032 242168 342200 24130 24385 48515 627039 111342 7588 81549 100032 274098 365800 27311 16037 43348 471839 910764 11363 41618 71388 273412 344800 35929 17603 53532 474370 898011 34415 66204 70100 242600 312700 17605 16373 33978 507717 923981								ō		טטיכונט
MANCE 2018-17 Koffa Koffa TOT LUMP FINES TOT LUMP FINES TOT LUMP FINES TOT S43246 101660 11362 75249 100764 238735 33570 28417 10698 39115 599287 1096081 7588 81549 100032 242168 342200 24130 24385 48515 627039 111342 7588 81549 100032 274098 365800 27311 16037 43348 471839 910764 11363 41618 71388 273412 344800 35929 17603 53532 474370 898011 34415 66204 70100 242600 312700 17605 16373 33978 507717 923981	260350	31789	26186	1446	73961	63887	63081	LUMP		N PERFOX
Guo	74208	34415	15432		7588	11362	5411	FINES	Katta	MANCE
CUMP FINES TOT LUMP FINES TOT FINES TOT LUMP AUGAS AUGAS <	334558	66204	41618	1446	81549	75249	68492	<u></u>		/1-9107
FINES TOT LUMP FINES TOT LUMP FINES TOT LUMP FINES TOT 228551 305735 25583 12724 38307 543246 1016604 1559850 230736 331500 28417 10688 39115 599287 1096088 1695375 242168 342200 24130 24385 48515 627039 1113421 1740400 274098 365800 27311 16037 43348 471839 910764 1382603 273412 344800 35929 17603 53532 474370 .898010 1372380 242600 312700 17605 16373 33978 507717 923980 1431697 1491565 2002735 158975 97820 256795 3223498 5958867 9182345	511170	70100	71388	91702	100032	100764	77184	LUMP		
TOT LUMP FINES TOT LUMP FINES TOT 305735 25583 12724 38307 543246 1016604 1559850 331500 28417 10688 39115 599287 1096088 1695375 342200 24130 24385 48515 627039 1113421 1740440 365800 27311 16037 43348 471839 910764 1382603 344800 35929 17603 53532 474370 898010 1372380 312700 17605 16373 33978 507717 923980 1431697 2002735 158975 97820 256795 3223498 5958867 9182345	1491565	242600	273412	274098	242168	230736	228551	FINES	ଜ୍ଞ	
Manoharpur RMD TOTAL LUMP FINES TOT 25583 12724 38307 543246 1016604 1559850 28417 10698 39115 599287 1096088 1695375 24130 24385 48515 627039 1113421 1740400 27311 16037 43348 471839 910764 1382603 35929 17603 53532 474370 898010 1372380 17605 16373 33978 507717 923980 1431697 158975 97820 256795 3223498 5958867 9182345	2002735	312700	344800	365800	342200	331500	305735	ō		
Innohorpur FINES TOT 12724 38307 543246 1016040 1559850 10498 39115 599287 1096088 1695375 24386 48515 627039 1113421 1740440 16037 43348 471839 910764 1382603 17603 53532 474370 48010 1372380 16373 33978 507717 923980 1431697 97820 256795 3223498 5958867 9182345	158975	17605	35929	27311	24130	28417	25583	LUMP	<u>*</u>	
TOI LUMP FINES TOTAL 38307 543246 1016604 1559850 39115 599287 1096088 1695375 48515 627039 1113421 1740440 43348 471839 910744 1382603 53532 474370 898010 1372380 33978 507717 923980 1431697 256795 3223498 5958867 9182345	97820	16373	17603	16037	24385	10698	12724	FINES	anoharpo	
RMD TOTAL LUMP FINES TOT 543246 1016604 1559850 599287 1096088 1695375 627039 1113421 1740460 471839 910764 1382603 474370 898010 1372380 507717 923980 1431697 3223498 5958867 9182365	256795	33978	53532	43348	48515	39115	38307	101	Jr	
FINES TOTAL FINES TOT 1016604 1559850 1096088 1695375 1113421 1740460 910764 1382603 898010 1372380 923980 1431697 5958867 9182365	3223498	507717		471839	627039	599287	543246	LUMP	20	
101 1559850 1695375 1740460 1382603 1372380 1431697 9182365	5958867	923980	898010	910764	1113421	1096088	1016604	FINES	MD TOTA	
	9182365	1431697	1372380		1740460			ō		

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	%Chg	DIFF	Change Over Last Year	Total	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17						Total	Sep-16	Aug-16	ul-16	lun-16	May-16	Apr-16			Unit in te	
	-11.1	-77073	ver Last Y	614240	94122	128151	95988	94661	108284	93034	LUMP				_	691313	139119	126795	106337	120361	111357	87344	LUMP			
	0.8	10846	egr	614240 1364402	236991	252650	203227	236046	229783	205705	FINES	Kirlburu					194717	236920	216797	258799	212542	233781	FINES	Kiriburu		
	-3.2	-66227		1978642	331113	380801	299215	330707	338067	298739	707					1353556 2044869 506815 1183838 1690653	333836	363715	323134	379160	323899	321125	TOT			
	10.9	55473		562288		380801 124649 209225	98431	71102	75471	102557	LUMP	Me				506815	53949	60140	63934	113150	119708	95934	LUMP	Me		
	-1.7	-20259	_	1978642 562288 1163579 1725867	90078 238322		202274	204110	122904	186744	FINES	Meghahatuburu				1183838	129083	142215	161707	249907	232876	268050	FINES	Meghahatuburu		
	2.1	35214	_	1725867	328400	333874	300705	275212	198375	289301	TOT	Š		. !	_	1690653	183032	202355	225641	363057	352584	363984	ō	uru		
	-8.4	-91004		99125	191268	188639	131343	161631	161078	157291	LUMP					108225	155154	137855	190355	189439	212627	196824	LUMP			
	4 .3.1	4 .51003	_	991250 1575639 2566889	8 285463	9 310588	3 201904	1 269244	8 238285	270155	FINES	Bolani			_	1082254 1626642 2708897	4 254031	5 263493	5 250437	9 299799	7 283367	4 275515	FINES	Bolani		
		3 -142008	-	9 256688	3 476731	8 499227	4 333247	4 430875	5 399363	5 427446					_	2 270889	1 409185	3 401348	7 440792	9 489238	7 495994	5 472340	101			
	-5.2 #DIV/01 #DIV/01 #DIV/01	8 193546	-	9 193546	1 40249	7 31718	7 26127	5 31910	3 44258	6 19284	LUMP		THIS Y				5	8	2	6		0	LUMP	_	PREVIOU	
	1 #DIV/01	0		5						-	FINES	Taldih	THIS YEAR DESPATCH PERFORMANC	_	_	0	_						FINES	Taldih	PREVIOUS YEAR DESPATCH PERFORMAN	
P-7	#DIV/	193546		19354	40249	31718	26127	31910	44258	19284	101 101		ATCH PE	1									101		SPATCH	
	16.5	6 44037	-	93546 310594	9 53720	8 52154	7 50192	0 39970	8 61635	4 52923	LUMP		RFORMAI	_	-	0 266557	0 30794	0 26565	0 3795	0 73134	0 71549	0 60720	LUMP		PERFORA	
	279.4	2	_	Ι.,			32846	40446	Г		FINES	Kalta	ICE 2017-18				34532	15614		7590	11385	7590	FINES	Kalta	ANCE 2016-17	
	75.3	14309 258346 -79031		601614	72421 126141	44328 96482	83038	80416	51644 113279	49335 102258	ō		<u></u>			343268	65326	42179	3795			68310	101		16-17	
	-15.9	-79031		416764	58144	50379	56698	69949	86851	94743	LUMP					495795	63113	80899	75466	102047	102257	72013	LUMP			
	-16.0	-237752		1250321	58144 200914 259058	50379 210555 260934	56698 214229	69949 215160	198410 285261	94743 211053	FINES	Gua				1488073	63113 249099	80899 281183	3795 75466 272809	80724 102047 248746	82934 102257 208188	72013 228048	FINES	Gua		
	-16.0	-237752 -316783 -79315 -69254 -148569		291020 601614 416764 1250321 1667085	259058	260934	270927	285109	285261	305796	101					1983868	312212	362082		350793 23812	310445	300061	101			
	-46.4	-79315		91686				28119	33785	29782 13962	LUMP	M.				171001	19800	36110 25343	31718		34509 13352	25052	LUMP	Μc		
	-66.4	-69254	L	35065	2978		_	_	18125	13962	FINES	Manoharpur				104319	23100	25343	15912	15492	13352	11120	FINES	Manoharpur		
	-54.0	-148569			2978			28119	51910	43744	ō,	ur			_	275320	42900	61453	47630	39304	47861	36172	701	ur		
	.1.0	-33367	_	3180368	527581	575690	458779	497342	571362	549614	LUMP	æ				3213735	461929	468364	471605	621943	652007	537887	LUMP	Ŗ		
	-2.6	-153114 -186481		126751 3180368 5680026 8860394	2978 527581 1037089 1564670	575690 1027346 1603036	854480 1313259	965006 1462348	51910 571362 859151 1430513	936954 1486568	FINES	RMD TOTAL				76711 343268 495795 1488073 1983868 171001 104319 275320 3213735 5833140 9046875	461929 884562 1346491	964768 1433132	47630 471605 917662 1389267	39304 621943 1080333 1702276	652007 961710 1613717	537887 1024105 1561992	FINES	RMD TOTAL		
	-2.1	-186481		8860394	1564670	1603036	1313259	1462348	1430513	1486568	101					9046875	1346491	1433132	1389267	1702276	1613717	1561992	101			

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS SEPTEMBER 2017 बोकारो इस्पात संयत

					4		~		بو	•	•							
MINE			KRB	MBR	JO8	BAR	TAL	KAL	GUA	MPR	RMD TOT	DRZ	PUR	GR TOT	0	KIR	TDMR	101
	l ic	App	દ	60	70				30	10	220			220		40	=	51
	FOR MONTH	ACT	35	48	56		4	8	21		172			172		24	=,	35
	H.L	%FF	70	80	80				70		78			78		60	100	69
	T.	APP	290	380	390		-		170	60	1290			1290		246	65	311
LUMP	HINOW TILL	ACT	215	278	347		4	46	96	36	1022			1022	FLUXES	152	45	197
	HIN	%I:F	7.4	73	89				56	60	79			79		62	69	63
	LAST	YR	209	115	454			24	101	41	944			944		157	44	201
	r Grih	%	3	142	-2.1	_		92	<u>ئ</u>	-12	8			8		-3	2	1 -2
		AdV	70	2 100	120				65	_	355		_	355	L			
	FOR MONTH	P ACT	71	88) 110			26	44	_	5 339	_		5 339				
	HIN	r %FF	101	æ	92			_	68	-	95			95				
	Ι.	APP	330	620	660				355		1965			1965				
FINES	HINOW TTIL	ACT	526	\$53 ·	427			92	237	14	1849			1849				
	HIN	%FF	159	89	દ				67		94		_	94				
	LAST	ΥR	457	456	483		-	20	229	14	1659			1659				
	GRTH	%	15	21	-12			360	ယ	0	11			11				
	FOI	ddV	120	160	190				95	10	575			575				
	FOR MONTH	ACT	106	136	166		4	34	65		511			511				
	H.I.	44%	88	85	87				8		89			89	•			
Į.	11.1.	APP	620	1000	1050	ľ			525	60	3255			3255				
TOTAL	H.LNOW TTILL	ACT	741	831	774		4	138	333	50	2871			2871				
	1.1.1	4:1%	120	83	7.1				63	83	88			88				
	ISVI	ΥR	666	571	937			44	330	55	2603			2603				
	GR1	%] 11	+6	1 -13			21	1	Q- 9	<u> </u>	П		10				

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS SEPTEMBER 2017 दुर्गापूर इस्पात संयत्र

	_	_	_		_	_	_	_	_	_	_		_	_	_	
	GR TOT	PUR	DRZ.	RMD TOT	MPR	GUA	KAL	TAL	BAR) IOI	MBR	KRB			MINE	
0	105			105	5	30				70			APP	3		
	126			126		33				23			ACT	FOR MONTH		
	120	_	_	120	-	110	-	_		133	-		%FF	ZI.		
	630	_		630	45	185				8			ΛPP	T		
FLUXES	660			660	₽	225				409	22		ACT	HINOM THE	LUMP	
S) 105	_	-	105	9	122	_	_	_	102	 	_	14% J	FIN	,	
		ļ.,	-	-	ļ.	┢	-	_		┢╌	_	_	-	-		
	729			729	<u>م</u>	266				#	5	31	≨	LAST		
	-9			-9	쎯	-15				٥	47	<u>-1</u>	%	GRTH		
	205			205		35				8	30		ΑPP	<u>~</u>		
	185			185	L	8		Ŀ		102			ACT	FOR MONTH		
,	90			90		237				73			%FF	TH		
	1155			1155		155				910	ક		APP	11.	F	
	1052			1052		458				587	7		ACT	HINOW THU	FINES	
	91			91		295				6.5	œ		%178	Ϋ́		
	1163			1163	1	512				605	33	12	ΥR	LAST		
	-10			-10	-100	-11				-3	.79	-100	%	GRTH		
	310			310	5	65				210	30		APP	FOF		
	311			311		116			i	195			APP ACT	FOR MONTH		
	100			100		178	j			93			%FF	H.L		
	1785			1785	45	340				1310	90		_ddV	TI,I,	Т	
İ	1712			1712	4	683				996	29		ACT	HINON TILL	TOTAL	UNIT '000 TONNES
	96			96	9	102				76	32		4:4%	ŤΗ		00 TO
	1892			1892	7	778				9101	48	43	YR	LAST		NNES
	-10			-10	-13	-12				-2	-40	-100	%	GRTH		

TDMR

27

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IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS SEPTEMBER 2017 राउरकेला इस्पात संपंत्र

MINE Color			_		_				_	_			_	_	_		_	,	
NONTH	TDMR	KTR	0	GR TOT	PUR	DRZ	RMD TOT	MPR	GUA	KAL	TAL	BAR	BOL	MBR	KRB			MINE	
TILL MONTH	4	8		140			140			50	20			30	40	ddV	FO		
TILL MONTH	4	12		177			177			\$	36			42	59	ACT	R MON		
Till Month Til	100	150		126			126			80	180			140	1,48	%HT	HLI		
NITH LAST GRITH FOR MONITH TILL MONITH TILL MONITH LAST GRITH FOR MONITH TILL MO	25	66	F	1000			1000			360	120			180	340	APP	T		
	31	56	LUXES	1111			1111	11		249	189	-		262	400	ACT	ILL MON'I	UMP	
FINES	124	8.5		111			111			69	158			146	118	%F1?	4		
FINES	\$	55		919			919	34	30	229			7	281	338	ΥR	I'VZI.		
FINES	288	2		21			21	-68	.100	9			-100	.7	18	%	GRTH		
FINES	_			350			350	20	20	70	30			70	140	APP	FO		
FINES FINES TOTAL (III.L MONTH LAST GRIH FOR MONTH TIII.L MONTH LAST LAST 980 737 75 646 14 180 186 103 1320 1137 86 984 44 410 522 127 454 15 100 164 164 590 784 133 735 65 130 178 46 58 207 120 86 72 250 189 76 287 130 21 15 40 48 20 3 15 140 32 23 74 5 2180 1458 67 1370 6 490 475 97 3180 2569 81 2289 31 3180 3259 31 3289 31 32				298			298	3		\$				122	127	ACT	RMON		
FINES TOTAL LL MONTH 1.AST GRTH FOR MONTH TILL MONTH 1.AST 646 14 180 186 103 1320 1137 86 984 522 127 454 15 100 164 164 590 784 133 735 65 178 46 58 207 120 86 72 250 189 76 114 1158 67 1370 6 490 475 97 3180 2569 81 2289 1458 67 1370 6 490 475 97 3180 2569 81 2289				85			8.5	1.5		66				174	91	%FF	ΤΉ		
LAST GRTH FOR MONTH TILL MONTH LAST VR % APP ACT %FF APP ACT %FF YR 735 454 15 100 164 164 590 784 133 735 127 454 15 100 164 164 590 784 133 735 127 454 15 100 164 164 590 784 133 735 127 454 15 100 164 164 590 784 133 735 127 454 15 100 164 164 590 784 133 735 65 127 750 189 76 65 120 86 72 250 189 76 120 86 72 750 427 57 287 144 15 40 -48 20 3 15 140 32 23 74 144 15 40 -48 20 3 15 140 32 23 74 140 14				2180			2180	140	130	390	130			410	980	APP	TLJ.	F	
LAST GRTH FOR MONTH TILL MONTH LAST VR % APP ACT %FF APP ACT %FF YR 735 454 15 100 164 164 590 784 133 735 127 454 15 100 164 164 590 784 133 735 127 454 15 100 164 164 590 784 133 735 127 454 15 100 164 164 590 784 133 735 127 454 15 100 164 164 590 784 133 735 65 127 750 189 76 65 120 86 72 250 189 76 120 86 72 750 427 57 287 144 15 40 -48 20 3 15 140 32 23 74 144 15 40 -48 20 3 15 140 32 23 74 140 14				1458			1458	21		178				522	737	ACT	T MON	INES	
TOTAL I.AST GRIH FOR MON'TH TITL MON'TH I.AST YR % APP ACT %FF APP ACT %FF YR 454 15 100 164 164 590 784 133 735 58 100 50 36 72 250 189 76 59 287 114 40 48 207 120 86 72 750 427 57 287 114 40 48 20 3 15 140 32 23 74 1370 6 490 475 97 3180 2569 81 2289 1370 6 490 475 97 3180 2569 81 2289				67			67	1.5	_	ŝ				127	١.	%हर	H		
TOTAL FOR MONTH TILL MONTH LAST 180 186 103 1320 1137 86 984 190 164 164 590 784 133 735 100 164 164 590 784 133 735 100 36 72 250 189 76 120 86 72 750 427 57 287 20 3 15 140 32 23 74 20 3 15 140 32 23 74 20 3 15 140 32 23 74 20 3 15 2569 81 2289 490 475 97 3180 2569 81 2289				1370			1370	40	114	58			58	454	646		LAST		
TOTAL FOR MONTH TILL MONTH LAST 180 186 103 1320 1137 86 984 190 164 164 590 784 133 735 100 164 164 590 784 133 735 100 36 72 250 189 76 120 86 72 750 427 57 287 20 3 15 140 32 23 74 20 3 15 140 32 23 74 20 3 15 140 32 23 74 20 3 15 2569 81 2289 490 475 97 3180 2569 81 2289						_	6	- -	<u>.</u>	207			-100	1.5	14	%	GRT		
TOTAL RMONTH TILL MONTH LAST 186 103 1320 1137 86 984 164 164 590 784 133 735 164 164 590 189 76 36 72 250 189 76 86 72 750 427 57 287 86 72 130 427 57 287 475 97 3180 2569 81 2289 475 97 3180 2569 81 2289				-			490	20	20	120	50			100	180	APP			
TOTAL TOTAL TILL MONTH I LAST F APP ACT %FF YR 1320 1137 86 984 1 590 784 133 735 250 189 76 65 250 189 76 287 130 427 57 287 140 32 23 74 140 32 23 74 140 32 23 74 140 32 23 74 140 2569 81 2289 3180 2569 81 2289				_			475	3		86	36			164	186	ACT	R MO		
TOTAL LL MON'IH LAST ACT %FF YR 1137 86 984 133 735 189 76 65 189 76 287 427 57 287 144 32 23 74 2569 81 2289 2569 81 2289				97			97	1.5		72	72			164	103		HIN		
LAST LAST YR 86 984 133 735 144 23 74 2289 81 2289				3180			3180	140	130	750	250			590	1320	APP	11.1		
LAST LAST YR 86 984 133 735 144 23 74 2289 81 2289				2569			2569	32		427	189			784	1137	ACT	T MON	TATO	UNIT
				81			81	23		57	76			133	86	%FFF	H.I.		OT 000
GRI'IH % 100 1100 122 12 12 12 12 12 12 12 12 12 12 12 12				2289			2289	74	14	287			65	735	984		I'AST		NNES
				12			12	57	-100	49			-100	7	16	%	GRTH		

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS SEPTEMBER 2017 बर्नेपूर इस्पात संयत्र

	0	GR TOT	PUR	DRZ	RMD TOT	MPR	GUA	KAL	TAL	BAR	BOL	MBR	KRB			MINE
		80			80	10	20	5	5		35			ΛPP	õ	
		52			52		3	7			42			APP ACT %FF	FOR MONTH	
		65			65		15	70			120			%FF	VТН	
	F	560			560	70	130	30	45		285			ddV	TIL	1
	FLUXES	387			387	42	95	17			233			ACT	HINOM TILL	LUMP
		69			69	60	73	57			82			%FF	H	
		410			410	82	96	7			209	3	13	YR	LAST	
		-6			-6	-49	-1	143			=	-100	-100	%	GRTH	
•		210			210		140				60	10		App		
		176			176		74				74	28		APP ACT %FF	FOR MONTH	
		84			84		53				123	280		44%	√TH	
		1390			1390		920				440	30		ΛPP	TH.I.	FIF
		1218			1218		555	19			564	80		ACT %FF	HINOM TILL	FINES
		88			88		60				128	267	-	%FF	HT	
		1166			1166		618				479	49	20	<mark>አ</mark> ኒ	LAST	
		4			4		-10				18	63	-100	%	GRITH	
		290			290	10	160	10	5		95	10		APP	10:1	
		228			228		77	7			116	28		ACT %FF	FOR MONTH	
		79			79		48	70			122	280		%FF	HI	
		1950			1950	70	1050	30	45		725	30		APP	LIII	т
		1605			1605	42	650	36			797	80		ACT	HINOM THE	TOTAL
		82			82	60	62	120			110	267		%ाराः	H	
		1576			1576	82	714	7			688	- 52	33	Yπ	I.AST	
		2			2	-49	-9	414			16	54	-100	%	GRTH	

UNIT '000 TONNES

TDMR

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS SEPTEMBER 2017 भिनाई इस्पात संयंत्र

K.1.4	GR TOT	PUR	DRZ	RMD TOT	MPR	GUA	KAL	TAI,	BAR	POL	MBR	KRB			MINE	
- 48	20			[· 20	H			<u>-</u> 0			10		APP	Fi	_	
4		F			-				_		_		ACT	FOR MONTH		
ક		┝	-	_	-	-	_						%FF	HIN		
157 1-LL	110	-	-	110	l			70		_	40	_	ΛPP	T	1	
FLUXES		-			H	_							ACT	HINOW THIL	LUMP	
<u>.</u>				_	<u> </u>	_						-	, %FF	H.I.R.		
246	200	┢		200	8	_	-		_	_	93	99	¥	ISVI		
9	-100	<u> </u>	 	-100	-100						-100	-100	%	· GRTH		
	70	l		70				10	_	<u> </u>	30	H	APP		_	
	39	F		39	\vdash	-	-					39	ACT	FOR MONTH		
	56	l		56	F	_	-	-	-		-	130	, %læ	Ϋ́		
	480	H		480	\vdash		_	40	_	_	260	180	APP	T.	F	
	102	H	-	102	H		_	_	-	-		102	ACT	HINOW THIL	FINES	
	21	\mid		21	 		-			-	_	57	. %FF	HIN		
	463	├		463	43	8		-			193	219	? YR	LAST		ļ,·
	-78	┝		-78	-100	-100				-	-100	-53	% ·	r GRTH		
	90	\vdash		90	F		_	20			40	30	. APP			
	39	┝		39	H		_	_				39	ACT	FOR MONTH		
	ಕು	\vdash		43	\vdash	_	_	-	ļ			130	↑ %FF	Y.T.Y		
	590		-	590	\mid	_	-	110		-	300	180	APP	I.	ارا	
	102	\mid	-	102	\mid			ŀ				102	ACT	HJ,NOW TILL	TOTAL	Z Z
	17	\vdash		17	-				_			57	ſ %FF	HIN		I 000 I
	663	\vdash	-	663	51	_ «				_	286	318	F YR	LAST		CNII 000 ICNNES
	85	\vdash	\vdash	3	-i0(-10					-100	-68	%	T GRT		\ 7.1

OI DAR

8

92

352

321 321

246

38

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS SEPTEMBER 2017 BSL+DSP+RSP+ISP+BSP

101	TDMR	KIR		GR TOT	PUR	DRZ	RMD TOT	MPR	GUA	K≱.	TA.I.	BAR	BOL	MBR	KRB			MINE	
)1	Ŕ	R	٥	от	R	2	-	Ř	À	-		R	Ĕ	æ	В		L	Æ	
115	15	100		565	_	_	565	25	8	60	ક્ષ		175	8	90	APP	FQ		
99	19	80		527	_	_	527		57	55	ŝ		191	90	9.4	ACT	FOR MONTH		
86	127	80		93	L	L	93	L	71	92	11.4		8	90	10.1	%FF	Ξ		l
781	90	691	E	3590			3590	175	ŝ 5	390	235		1075	600	630	App	711.1.	Z.	
613	104	509	FLUXES	3180			3180	93	416	312	193		989	562	615	ACT	HINOW TTILL	LUMP	
78	116	7.1		89			89	53	86	80	82		92	94	98	%FF	Ξ		
518	52	991		3202			3202	171	493	260			1081	507	690	Ϋ́	LYST		
.18	100	9		-1			-1	-46	-16	20			-9	11	÷	%	GRTH		
				1190			1190	20	260	70	Ot,		320	240	240	App	Z.		
				1037			1037	3	201	72			286	238	237	ACT	FOR MONTH		
				87			87	1.5	77	103	_		89	99	99	%l?F	H.L		
				7170			7170	140	1560	398	170		2010	1410	1490	APP	11	F	
				5679			5679	35	1250	289	_		1578	1162	1365	ACT	HINOW TILL	FINES	
				79	-	-	79	25	. 80	7.4	-		79	82	92	%FF	H.I.		
				5821			5821	98	1481	78			1625	1185	1354	ΥR	1.AST		
				-2			.2	-64	-16	271			-3	-2	_	%	GRTH		
				1755			1755	45	340	130	75		495	340	330	APP			
				1564	_		1564	3	258	127	40		477	328	331	ACT	FOR MONTH		
				89	_	_	89	7	76	98	53		96	96	8	% FF	HL		
				10760			10760	315	2045	780	405		3085	2010	2120	APP	I.		
) 8859	_	L	8859	128	1666	601	193	_	2567	1724	1980	ACT	HINON TILL	TOTAL	S
				9 82	_		9 82	41	5 81	77	£8:		7 83	4 86	93	r %FF	HIN		UNIT '000 TONNES
				9023		H	9023	269	1974	338			2706	1692	2044	F YR	1.AST		TONN
				23	_		23	9	74	6 8			<u> </u>	92	#	7	ST G		ES

P-13

IRON ORE DISTRIBUTION AND TRANSFERS TO MEL, VISL, RINL & NINL MANGANESE ORE DISTRIBUTION AND TRANSFERS TO MEL, IISCO & BSP SEPTEMBER- 2017

l						П					_	_	Г			
			GUA TO VISL	KBR TO NINL	MBR TO KIOCL	MBR TO VISL	MBR TO NINL	GUA TO PAPK	BOL TO OTH	GUA TO ASP	KAL TO ASP	KAL TO VISL	BAR TO VISL	BAR TO AML	KRR TO PAPK	
	77	APP														
	FOR MONTH	ACT														
		%ff														
लीह अयस्क लम्प	TI(APP		į												
अ	TILL MONTH	APP ACT %FF														
	LAST	ΥR														
	GRTH	%9									i					
	FC	APP											-			
	FOR MONTH	ACI %FF														
2)		%FF														
लोह अयस्क फाइन्स	111	APP														
क काइन	TILL MONTH	APP ACT														
3	Ĩ	%FF														
	LAST	ΥR														
	GRTH	%												_		
	Ö	APP ACI														
	FOR MONTH	ACI									•					
의 의 당 3		%FF														
रेयस्क (त	TIL.	APP														
लोह अयस्क (लम्प+ फाइन्स)	LILL MONTH	ACT			٠											
3	Η.	%FF														
	LAST	ΥR								<u>. </u>	8					
	GRIH	%									-100					

FLUX MINES PERFORMANCE FOR AND UPTO THE MONTH OF

SEPTEMBER 2017

BHAWANATHPUR	TULSIDAMAR 200	KUTESHWAR 1420		MINE] ·	TOTAL 1620	BHAWANATHPUR	TULSIDAMAR 200	KUTESHWAR 1420		
	15	100	TGT				115		15	100		TGT
	19	80	ACT	FOR N		:	100		19	81		ACT
	127	80	%FF	FOR MONTH			87		127	81		%FF
		87	LAST YR SEP 2016				89			89	SEP 2016	YR
		-8.0	OVER LSTYR SEP 2016	GRTH %	DESPAICH		12.4			-9.0	SEP 2016	LSTYR
	90	691	PLAN				780		90	690		TGT
	112	509	ACT	TILL MONTH			598		97	501		ACT
	124	74	%FF	HTNO			77		108	73		%FF
	52	470	LAST YR				514		47	467		YR
	115.4	8.3	OVER LSTYR	GRTH %			16.3		106.4	7.3		LSTYR

TOTAL

1620

115

99

86

87

13.8

781

621

80

522

19.0

			PREVIOUS	YEAR FLUX	PREVIOUS YEAR FLUX PERFORMANCE 2016-17	E 2016-17	, Ar	
Unit in Te	K	KTR	Bhawa	Bhawanathpur	Tulsidamar		RMD TOTAL	IAIO
٠	PROD	DESP	PROD	DESP	PROD	DESP	PROD	dsad
Apr-16	80834	81845		0	23595	20079	104429	.101924
May-16	83212	82407	0	0	6814	15805	90026	98212
Jun-16	76585	78187	0	0	8116	8116	84701	86303
Jul-16	67737	68481	0	0	. 5798	3959	73535	72440
Aug-16	68936	72580	0	0	960	4060	69896	76640
Sep-16	84050	88139	0	0	0	0	84050	88139
Oct-16							0 (0
Nov-16				a)			, 0	. 0
Dec-16		گرار دو د		5 kg		q	0	0
Jan-17							0	0
Feb-17			_	.31			0	0
Mar-17							0	0
Total	461354	471639	0	0	45283	-52019	506637	523658

		Ŧ	IIS YEAR FLU	THIS YEAR FLUX PERFORMANCE 2017-18	NCE 2017-18	3		
	KTR	R	Bhawa	Bhawanathpur	Tulsidamar	amar	RMD TOTAL	OTAL
	PROD	DESP	PROD ·	DESP	PROD	DESP.	PROD	DESP
Apr-17	84586	80594	0	0	10170	20107	94756	100701
May-17	105306	100972	0	0	15229	17144	120535	118116
Jun-17	90785	88818	0	0	22413	20559	113198	109377
Jul-17	69065	80624	0	0	14045	16005	83110	96629
Aug-17 .	69618	80934	0	0	17465	18733	87083	99667
Sep-17	81361	80650	Õ	0	19140	19008	100501	99658
Oct-17			•	*** **********************************			0	0
Nov-17							0	0
Dec-17				**************************************			0	0
Jan-18		# 1 A A A A A A A A A A A A A A A A A A					0	0
Feb-18							0	0
Mar-18							0 ,	0
Total	500721	512592	0	0	98462	111556	599183	624148
Over Last Year	Year							
DIFF	39367	40953	0	0	53179	59537	92546	100490
%Cha	8.5	8.7	#DIV/0i		117.4	114.5	18.3	19.2

QUALITY ANALYSED AT PLANT SEPTEMBER 2017

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CUM	CUM		MPR	CUM	CUM		KAL		CUM	CUM		вог		CUM	CUM		GUA		CUM	CUM		MBR		CUM	CUM		KRB	MINES			
2016-17	2017-18	MTH ACT	NORM	2016-17	2017-18	мтн аст	NORM		2016-17	2017-18	MTH ACT	NORM		2016-17	2017-18	MTH ACT	NORM		2016-17	2017-18	мтн аст	NORM		2016-17	2017-18	MTH ACT	NORM	VES .			
64.48	64.37	0.00	63	64.35	64.02	63.53	63		63.77	62.97	63.05	62.6		63.59	62.70	63.08	62.5		63.40	62.84	62.86	62.5		63.87	63.11	62.98	63	Fe%	, [
1.69	1.45	0.00	2	1.73	1.96	2.65	2.1		2.23	2.79	3.21	2.4		2.64	2.80	2.86	2.7		2.69	2.85	3.25	w		2.38	2.86	3.57	2.6	SiO ₂ %		2)	
1.68	1.41	0.00	2.2	1.66	1.48	1.57	2.3		2.10	1.96	1.64	2.5		1.94	2.15	1.99	2.6		2.20	2.07	1.98	2.5		1.76	1.67	1.50	2.5	Al ₂ O ₃ %		लौह अयस्क लम्प	
13.78	13.22	0.00	10	12.59	8.38	8.05	10		15.18	16.92	19.26	10		17.49	14.28	9.87	10		15.46	15.68	15.98	15		17.71	17.15	9.78	10	OS%		Я	
12.50	12.41	0.00	10	12.67	12.30 ·	11.60	10		26.02	22.95	16.64	10		23.69	24.24	25.21	10		25.35	22.81	17.77	15	•	21.35	19.44	22.60	15	US%			
63.39	62.66	0.00	63	63.53	63.35	63.54	63		62.71	62.09	62.24	62.7		62.91	62.52	62.73	62.5		62.29	61.99	62.15	62		62.77	62.28	62.90	62.5	Fe%			बोकार
2.20	2.40	0.00	2.4	2.32	2.34	2.50	2.4		3.01	3.40	3.61	2.8		3.13	3.13	3.40	2.9		3.89	3.66	4.25	3.8		3.25	3.37	3.25	3	SiO ₂ %		লু	बोकारो इस्पात संयंत्र
2.62	2.58	0.00	2.6	2.44	1.79	1.68	2.5		2.77	2.54	2.36	2.9		2.38	2.16	1.94	2.8		2.51	2.46	2.02	2.7		2.46	2.34	1.87	2.8	Al ₂ O ₃ %		लौंह अयस्क फाईन्स	 최.
4.44	4.67	0.00	5	4.59	4.26	4.46	5		5.93	6.01	5.14	10		3.96	3.09	2.96	5		8.18	5.85	5.48	5		10.67	10.29	8.21	10	08%		袓	
31.13	30.64	0.00	40	20.53	29.51	28.13	40		36.78	35.15	30.95	30		38.93	39.05	36.71	40		36.27	35.02	30.51	30		31.67	30.23	28.74	28	us%	-		
					•									CUM	CUM		KTR		CUM	СОМ		MOT		CUM	CUM		BNP	ĭ			
														2016-17	2017-18	MTH ACT	NORM		2016-17	2017-18	MTH ACT	NORM		2016-17	2017-18	MTH ACT	NORM	MINES			
														44.77	45.92	46.06	50		30.27	29.19	31.45	30		0.00	0.00	0.00	43	C20%			
														2.56	2.73	2.70	2.25		19.21	18.35	19.53	18		0.00	0.00	0.00	5	MgO%		FLUX	
														3.59	3.39	3.22	3.5		3.94	5.76	4.96	5		0.00	0.00	0.00	6.5	SiO ₂ %			
														2.63	3.23	3.77	5		5.92	7.21	4.50	-5		0.00	0.00	0.00	15	os%			
														24.90	26.06	23.48	5	ı	8.95	10.40	9.40	10		0.00	0.00	0.00	10	WSU			

QUALITY ANALYSED AT PLANT SEPTEMBER 2017

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CUM	CUM		MPR	CUM	CUM		10B		CUM	СИМ		GUA	ž	CUM		MBR		CUM	CUM		KRB	MINES	
2016-17	2017-18	MTH ACT	NORM	2016-17	2017-18	MTH ACT	NORM	ų.	2016-17	2017-18	MTH ACT	NORM	2016-17	2017-18	MTH ACT	NORM		2016-17	2017-18	MTH ACT	NORM	NES	
63.70	0.00	0.00	63	62.91	62.72	62.75	62.6	:	62.61	62.63	62.13	62.5	62.24	62.99	0.00	62.5		61.40	0.00	0.00	63	Fe%	
1.40	0.00	0.00	2	2.29	2.64	2.94	2.4	•	3.05	3.02	4.45	2.7	3.63	2.55	0.00	3		6.90	0.00	0.00	2.6	SiO ₂ %	3 .
2.13	0.00	0.00	2.2	2.12	1.79	1.68	2.5		1.79	1.61	1.41	2.6	2.06	1.42	0.00	2.5		1.27	0.00	0.00	2.5	Al ₂ O ₃ %	लौह अयस्क लम्प
23.73	0.00	0.00	10	10.13	13.48	18.88	10		12.18	11.11	17.82	10	10.39	14.80	0.00	15		14.73	0.00	0.00	10	OS%	4
27.73	0.00	0.00	10	19.48	16.86	12.70	10		16.82	17.59	19.47	10	21.60	14.08	0.00	15		14.17	0.00	0.00	15	US%	
0.00	0.00	0.00	63	62.99	62.91	63.16	62.7		63.13	63.70	64.13	62.5	61.64	64.40	0.00	62		63.70	0.00	0.00	62.5	Fe%	
0.00	0.00	0.00	2.4	2.58	2.83	2.77	2.8		2.99	2.50	2.53	2.9	4.98	2.40	0.00	3.8		2.10	0.00	0.00	3	SiO ₂ %	तौ
0.00	0.00	0.00	2.6	2.42	2.21	1.85	2.9		1.96	1.71	1.46	2.8	2.25	1.20	0.00	2.7		2.05	0.00	0.00	2.8	SiO ₂ % Al ₂ O ₃ %	तीह अयस्क फाईन्स
0.00	0.00	0.00	5	8.33	5.93	4.43	10		3.83	2.66	3.09	5	4.76	2.05	0.00	5	•	15.80	0.00	0.00	10	OS%	फाईन्स
0.00	0.00	0.00	. 40	39.51	41.38	38.53	30		50.33	49.30	48.48	40	45.40	58.90	0.00	30		37.70	0.00	0.00	28	US%	
									CUM	CUM		KTR	CUM	CUM		Mal		CUM	CUM	BNP	BF LST	MINES	
									2016-17	2017-18	MTH ACT	NORM	2016-17	2017-18	MTH ACT	NORM		2016-17	2017-18	MTH ACT	NORM	IES	
								•	48.35	44.10	0.00	50	30.20	30.40	0.00	-30		0.00	0.00	0.00	43	CaO%	
									2.43	2.20	0.00	2.25	15.90	16.20	0.00	18		0.00	0.00	0.00	5	MgO%	FLUX
									5.10	6.00	0.00	3.5	7.30	4.40	0.00	5		0.00	0.00	0.00	6.5	SiO ₂ %	
									15.15	30.50	0.00	5	63.50	38.20	0.00	5		0.00	0.00	0.00	15	OS%	
									13.20	13.70	0.00	5	9.40	10.40	0.00	10		0.00	0.00	0.00	10	US%	

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	लीह अयस्क लम्प	
	लौंह अयस्क फाईन्स	
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												•							
CUM	CUM		MPR		CUM	СПМ		KAL		СОМ	CUM		ВОТ	СПМ	CUM		GUA		СОМ
2016-17	2017-18	мтн аст	NORM		2016-17	2017-18	мтн аст	NORM		2016-17	2017-18	MTH ACT	NORM	2016-17	2017-18	MTH ACT	NORM		2016-17
63.05	63.50	0.00	63		63.17	63.22	63.18	63		62.25	0.00	0.00	62.6	62.75	0.00	0.00	62.5		62.66
2.37	1.77	0.00	2		2.25	2.05	2.12	2.1		3.13	0.00	0.00	2.4	2.53	0.00	0.00	2.7		2.89
2.19	1.93	0.00	2.2		2.20	2.11	2.10	2.3		2.81	0.00	0.00	2.5	2.44	0.00	0.00	2.6		2.36
18.74	20.70	0.00	10		17.24	12.26	8.40	10		18.00	0.00	0.00	10	15.74	0.00	0.00	10		21.42
	18.30	0.00	10		18.38	17.58	16.70	10			0.00	0.00	10	20.43	0.00	0.00	10		19.65
17.46 62.78	62.64	0.00	63		62.73	62.71	63.08	63		20.97 62.04	0.00	0.00	62.7	62.28	0.00	0.00	62.5		62.08
2.49	2.21	0.00	2.4		2.49	2.44	2.28	2.4		3.47	0.00	0.00	2.8	3.18	0.00	0.00	2.9		3.45
2.21	2.70	0.00	2.6		2.31	2.23	1.85	2.5		2.80	0.00	0.00	2.9	2.50	0.00	0.00	2.8		2.57
8.13	7.80	0.00	5		0.00	0.00	0.00	5		0.00	0.00	0.00	10	0.00	0.00	0.00	տ	!	0.00
36.75	38.00	0.00	40		0.00	0.00	0.00	40		0.00	0.00	0.00	30	0.00	0.00	0.00	40		0.00
				•					·	•				сим	CUM		KTR		сим
														2016-17	2017-18	МТН АСТ	NORM		2016-17
														48.21	48.94	48.90	50		0.00
														2.94	2.89	2.30	2.25		0.00
														4.25	3.68	4.90	3.5		0.00
												٠		0.00	0.00	0.00	5		0.00
													•	0.00	0.00	0.00	5		0.00

C C X

2016-17

62.94 2.23 63.23 2.15

2.45 | 15.21 | 18.55 | 60.11 | 4.27 2.14 | 12.00 | 15.48 | 0.00 | 0.00 2.18 | 8.50 | 18.10 | 0.00 | 0.00

4.74 0.000.00

0.00 0.000.00

0.00 0.00 0.004

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2017-18

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МТН АСТ 63.32 2.15

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CUM	CUM		GUA
2016-17	2017-18	МТН АСТ	NORM
62.75	0.00	0.00	62.5
62.75 2.53 2.44	0.00	0.00	2.7
	0.00	0.00	2.6
15.74 20.43 62.28	0.00	0.00	10
20.43	0.00	0.00	10
62.28	0.00	0.00	62.5
3.18	0.00	0.00	2.9
2.50	0.00	0.00	2.8
0.00	0.00	0.00	5
0.00	0.00	0.00	40
CUM	СПМ		KTR
2016-17	2017-18	MTH ACT	NORM
48.21	48.94	48.90	50
2.94	2.89	2.30	2.25
4.25	3.68	4.90	3.5
0.00	0.00	0.00	5
0.00	0.00	0.00	5

MINES	ŒS	Fe%	SiO ₂ %	Al ₂ O ₃ %	os%	US%	Fc%	SiO ₂ %	Fe% SiO ₂ % Al ₂ O ₃ % OS% US% Fe% SiO ₂ % Al ₂ O ₃ %	OS%	US%		INES	CaO%	% MgO% Si	SiO ₂ %	os%	
KRB	NORM	63	2.6 2.5	2.5	10	15	62.5	u	2.8	10	28	BNP	NORM	43	5	6.5	15	
	MTH ACT 62.38 3.02 2.48 10.80 21.60 62.22	62.38	3.02	2.48	10.80	21.60	62.22	3.04	2.36	0.00	0.00		мтн аст	0.00	0.00	0.00	0.00	
СИМ	2017-18	62.43	2.84	62.43 2.84 2.47	18.01 21.13 62.07	21.13	62.07	3.15	2.53	0.00	0.00	CUM	2017-18	0.00	0.00	0.00	0.00	
CUM	2016-17 62.60 2.47 1.85	62.60	2.47	1.85	18.14 18.56 62.26	18.56	62.26	3.02	2.60	0.00	0.00	CUM	2016-17	0.00	0.00	0.00	00.0	0.00

MBR

 NORM
 62.5
 3
 2.5
 15
 15
 62
 3.8

 MTH ACT
 62.14
 3.22
 2.57
 13.60
 19.40
 62.05
 3.10

 2017-18
 62.33
 2.88
 2.55
 21.03
 19.27
 62.01
 3.14

2.40 2.59

0.00 000 0.00

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MTH ACT NORM

0.00 0.00

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	FLUX	

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KAL	NORM	63	2.1	2.3	10	10	63	2.4	2.5	51	40
	мтн аст	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUM	2017-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
СИМ	2016-17	65.21	1.08	2.47	10.70	7.20	61.68	2.71	4.50	7.58	56.43
MPR	NORM	63	2	2.2	10	10					
	мтн аст	0.00	0.00	0.00	0.00		63	2.4	2.6	5	40.
CUM	2017-18	0.00	0.00	00.0		0.00	63 0.00	2.4	2.6	이	40 0.00
				0.00	0.00	0.00	63 0.00	2.4 0.00	2.6 0.00 0.00		0.00

CUM	СОМ	V	BOL
≼	×		
2016-17	2017-18	МТН АСІ	NORM
_	8	cr	~
64.30	0.00	0.00>0.00	62.6
1.39	0.00	> 0.0	2.4
_)	
2.41	0.00	0.00	2.5
24.06	0.00	0.00	10
<u>~</u>	0]	0	_
10.21	0.00	0.00	10
62.09	61.63	62.16	62.7
9	3	6	_
2.84	3.20	3.58	2.8
3.83	3.95	3.38	2.9
10.92	17.64	15.36	10
41.61	37.72	32.40	30

NORM 62.5 2.7 2.6 10 10 62.5 2.9 2.8 5 40 KTR NORM 50 2.25 3.5 MTH ACT 0.00 0.00 0.00 0.00 63.22 2.75 2.69 7.45 49.51 MTH ACT 0.00 0.00 0.00 0.00 0.00 62.87 2.78 3.06 10.58 48.42 CUM 2017-18 0.00 </th <th></th> <th></th> <th>1</th> <th></th> <th></th>			1		
62.5 2.7 2.6 10 10 62.5 2.9 2.8 5 40 KTR NORM 50 2.25 3.5 0.00 0.00 0.00 0.00 63.22 2.75 2.69 7.45 49.51 MTH ACT 0.00	сим	СОМ	b	GUA	
2.7 2.6 10 10 62.5 2.9 2.8 5 40 KTR NORM 50 2.25 3.5 0.00 0.00 0.00 0.00 63.22 2.75 2.69 7.45 49.51 MTH ACT 0.00	2016-17	2017-18	мтн аст	NORM	
2.6 10 10 62.5 2.9 2.8 5 40 KTR NORM 50 2.25 3.5 0.00 0.00 0.00 63.22 2.75 2.69 7.45 49.51 MTH ACT 0.00	63.51	0.00	0.00	62.5	
10 10 62.5 2.9 2.8 5 40 KTR NORM 50 2.25 3.5 0.00 0.00 63.22 2.75 2.69 7.45 49.51 MTH ACT 0.00 </td <td>2.20</td> <td>0.00</td> <td>0.00</td> <td>2.7 ·</td> <td></td>	2.20	0.00	0.00	2.7 ·	
10 62.5 2.9 2.8 5 40 KTR NORM 50 2.25 3.5 0.00 63.22 2.75 2.69 7.45 49.51 MTH ACT 0.00 0.00 0.00 0.00 0.00 62.87 2.78 3.06 10.58 48.42 CUM 2017-18 0.00 0.00 0.00 0.00 9.48 63.02 2.72 2.95 7.32 48.38 CUM 2016-17 0.00 0.00 0.00 0.00	2.53	0.00	0.00	2.6	
62.5 2.9 2.8 5 40 KTR NORM 50 2.25 3.5 63.22 2.75 2.69 7.45 49.51 MTH ACT 0.00 0.00 0.00 0.00 62.87 2.78 3.06 10.58 48.42 CUM 2017-18 0.00 0.00 0.00 0.00 63.02 2.72 2.95 7.32 48.38 CUM 2016-17 0.00 0.00 0.00	23.63	0.00	0.00	10	
2.9 2.8 5 40 KTR NORM 50 2.25 3.5 2.75 2.69 7.45 49.51 MTH ACT 0.00 0.00 0.00 0.00 2.78 3.06 10.58 48.42 CUM 2017-18 0.00 0.00 0.00 0.00 2.72 2.95 7.32 48.38 CUM 2016-17 0.00 0.00 0.00 0.00	9.48	0.00	0.00	10	
2.8 5 40 KTR NORM 50 2.25 3.5 2.69 7.45 49.51 MTH ACT 0.00 0.00 0.00 3.06 10.58 48.42 CUM 2017-18 0.00 0.00 0.00 2.95 7.32 48.38 CUM 2016-17 0.00 0.00 0.00	63.02	62.87	63.22	62.5	
5 40 KTR NORM 50 2.25 3.5 7.45 49.51 MTH ACT 0.00 0.00 0.00 10.58 48.42 CUM 2017-18 0.00 0.00 0.00 7.32 48.38 CUM 2016-17 0.00 0.00 0.00	2.72	2.78	2.75	2.9	
40 KTR NORM 50 2.25 3.5 49.51 MTH ACT 0.00 0.00 0.00 48.42 CUM 2017-18 0.00 0.00 0.00 48.38 CUM 2016-17 0.00 0.00 0.00	2.95	3.06	2.69	2.8	
KTR NORM 50 2.25 3.5 MTH ACT 0.00 0.00 0.00 CUM 2017-18 0.00 0.00 0.00 CUM 2016-17 0.00 0.00 0.00	7.32	10.58	7.45	5	
NORM 50 2.25 3.5 MTH ACT 0.00 0.00 0.00 2017-18 0.00 0.00 0.00 2016-17 0.00 0.00 0.00	48.38	48.42	49.51	40	
50 2.25 3.5 r 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	сим	CUM		KTR	
2.25 3.5 0.00 0.00 0.00 0.00 0.00 0.00	2016-17	2017-18	MTH ACT	NORM	
3.5 0.00 0.00	0.00	0.00	0.00	50	
	0.00	0.00	0.00	2.25	
0.00	0.00	0.00	0.00	3.5	
	0.00	0.00	0.00	5	
0.00 0.00 0.00	0.00	0.00	0.00	5	

				1						
CUM	CUM	!	MBR		CUM	CUM		KRB		MI
2016-17	2017-18	MTH ACT	NORM		2016-17	2017-18	MTH ACT	NORM		MINES
0.00	0.00	0.00	62.5		62.65	0.00	0.00	63		Fe%
0.00	0.00	0.00	ယ		3.70	0.00	0.00	2.6	1	%SiO ₂ %
0.00	0.00	0.00	2.5		3.70	0.00	0.00	2.5	,	Al ₂ O ₃ %
0.00	0.00	0.00	15		10.60	0.00	0.00	10		os%
0.00	0.00	0.00	15		10.80	0.00	0.00	15		∪S%
62.65	61.99	61.19	62		63.18	0.00	0.00	62.5		Fe%
2.84	3.40	4.59	3.8		3.18	0.00	0.00	3		SiO ₂ %
2.77	3.74	3.64	2.7	ļ	2.44	0.00	0.00	2.8		Al ₂ O ₃ %
7.88	16.69	8.22	5		10.54	0.00	0.00	10		%SO
47.01	36.16	43.64	30		38.77	0.00	0.00	28		wsu
CUM	СИМ		TDM		СПМ	CUM		BNP		XI
2016-17	2017-18	мтн аст	NORM		2016-17	2017-18	мтн аст	NORM		MINES
0.00	0.00	0.00	30		0.00	0.00	0.00	43		Ca0% ·
0.00	0.00	0.00	18		0.00	0.00	0.00	5	o	Ca0% · Mg0%
0.00	0.00	0.00	5		0.00	0.00	0.00	6.5		SiO ₂ %
0.00	0.00	0.00	5	i	0.00	0.00	0.00	15		08%
0.00	0.00	0.00	10		0.00	0.00	0.00	10		wsu %

MINES Fe% SiO ₂ % Al ₂ O ₃ %	लौंह उ	
	अयस्क लम्प	
%SO	4	
wsu		
Fe%		
SiO ₂ %	नौह	बर्लपूर
SiO ₂ % AJ ₂ O ₃ % OS%	अयस्क फाईन्स	इस्पात स
os%	ईस	संयंत्र
wsu		
MINES		!
Ca0% -		
CaO% MgO% SiO ₂ % OS%	FLUX	
SiO ₂ %		
OS%		
wsu		

P-20

QUALITY ANALYSED AT PLANT SEPTEMBER 2017

भिलाई इस्पात संयत्र

					_					_					_				_			
	CUM	CUM		MPR	CUM	CUM		GUA		СПЖ	CUM		MBR	CUM	CUM		KRB	 				
	2016-17	2017-18	MTH ACT	NORM	2016-17	2017-18	MTH ACT	NORM		2016-17	2017-18	MTH ACT	NORM	2016-17	2017-18	MTH ACT	NORM	MINES		•		
	63.72	0.00	0.00	63	0.00	0.00	0.00	62.5		63.15	0.00	0.00	62.5	0.00	0.00	0.00	63	Fe%				
	2.85	0.00	0.00	2	0.00	0.00	0.00	2.7		3.88	0.00	0.00	w	0.00	0.00	0.00	2.6	SiO ₂ %			3	ı.
	2.42	0.00	0.00	2.2	0.00	0.00	0.00	2.6		2.18	0.00	0.00	2.5	0.00	0.00	0.00	2.5	Al ₂ O ₃ %			लौंह अयस्क लम्प	
	31.66	0.00	0.00	10	0.00	0.00	0.00	10		26.67	0.00	0.00	× 15	0.00	0.00	0.00	10	OS%		-	अ -	
	15.73	0.00	0.00	10	0.00	0.00	0.00	10	1	16.66	0.00	0.00.	15	0.00	0.00	0.00	15	US%				
	61.77	0.00	0.00	63	61.50	0.00	0.00	62.5		62.57	0.00	0.00	62	0.00	62.70	63.92	62.5	Fe%				
	2.40	0.00	0.00	2.4	4.36	0.00	0.00	2.9		4.80	0.00	0.00	3.8	0.00	3.46	3.49	3	SiO ₂ %		ŀ	ঝ	
	4.22	0.00	0.00	2.6	3.43	0.00	0.00	2.8	,	2.18	0.00	0.00	2.7	0.00	2.32	1.69	2.8	Al ₂ O ₃ %			लौह अयस्क फाईन्स	
100	16.15	0.00	0.00	5	9.65	0.00	0.00	5		15.18	0.00	0.00	5	0.00	15.05	13.28	10	OS%	•		खें स	
20:00	33 30	0.00	0.00	40	52.90	0.00	0.00	40		42.52	0.00	0.00	30	0.00	31.25	30.81	28	US%				
					CUM	сим		KTR		СПМ	СПМ		MdT .	CUM	CUM		BNP	. X				_
					2016-17	2017-18	мтн аст	NORM	,	. 2016-17	2017-18	мтн аст	NORM	2016-17	2017-18	мтн аст	NORM	MINES				
					49.81	50.42	49.94	50.0		0.00	0.00	0.00	30.0	0.00	0.00	0.00	43.0	Ca0%				
					2.15	1.88	2.33	2.25		0.00	0.00	0.00	18.0	0.00	0.00	0.00	5.00	Mg0%			FLUX	
					3.92	3.74	3.65	3.50		0.00	0.00	0.00	5.0	0.00	0.00	0.00	6.5	SiO ₂ %			•	
					7.05	7.27	7.90	5.0		0.00	0.00	0.00	5.0	0.00	0.00	0.00	15.0	OS%				
					17.88	17.97	18.70	5.0		0.00	0.00	0.00	10.0	0.00	0.00	0.00	10.0	US%				

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थ्रम्

63.11 2.86 1.67 17.15 19.44 4.53 0.58 214837	0.58	4.53	19.44	17.15	1.67	2.86	63.11	CUMML
								Mar-18
				!				Feb-18
				,				Jan-18
								Dec-17
								Nov-17
								Oct-17
35257	0.42		9.78 22.60 5.07	9.78	1.50	3.57	62.98	Sep-17
56141	0.41	4.59	11.37 21.41 4.59	11.37	1.33	3.26	63.23	Aug-17
30691	0.48		16.50 18.55 4.47	16.50	1.45	3.02	63.36 3.02	Jul-17
27297	0.68	4.65	18.78 18.46	18.78	1.88	2.77	62.82	Jun-17
49717	0.79	4.41	20.50 19.66	20.50	1.94	2.47	62.71	May-17
15734	0.94	3.96	1.92 25.98 15.98	25.98	1.92	2.04	63.55	Apr-17
000009	0.96	5.10	10.00 15.00	10.00	2.50	2.60	63.00	APP 17-18
424271	0.74	4.14	1.76 17.71 21.35	17.71	1.76	2.38	63.87	Act 16-17
Al+Si Al/Si RECPT	Al/Si	Al+Si	US	os	SiO2 A12O3 OS	SiO2	Fe	

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523202	9.69	10.29 30.23 5.71 0.69	30.23	10.29	2.34	62.28 3.37	62.28	UMML
								[ar-18
								eb-18
								n-18
								ec-17
								ov-17
								ct-17
71281	0.58		8.21 28.74 5.12	8.21	1.87	3.25	62.90 3.25	:p-17
108748	0.56	5.12	10.30 30.14 5.12	10.30	1.83	3.29	62.87	ug-17
88126	0.46	5.52	10.54 30.97	10.54	1.75	3.77	62.64	ıl-17
109237	0.88	5.96	10.60 30.69	10.60	2.79	3.17	62.02	ın-17
73121	0.80	6.33	11.18 30.07	11.18	2.82	3.51	61.41 3.51	[ay-17
72689	0.93		10.92 30.79 6.24	10.92	3.00	3.24	61.83 3.24	pr-17
1000000	0.93	5.80	10.00 28.00	10.00	2.80	3.00	62.50	PP 17-18
806284	9.70	5.71	10.67 31.67	10.67	2.46	3.25	62.77 3.25	ct 16-17
RECPT	Al/Si	Al+Si Al/Si	US	os	A12O3 OS	SiO2	Fe	

	Fe	SiO2	AI2O3	SO	SU	Al+Si	Al/Si	RECPT
Act 16-17	82.29 3.89		2.51	8.18	36.27 6.40		0.65	0.65 1105746
APP 17-18	62.00 3.80	3.80	2.70	5.00	30.00 6.50		0.71	1300000
Apr-17	10.29	3.15	2.69	5.87.	5.87 37.79	5.84	0.85	96270
May-17	61.43 3.55	3.55	2.72	5.57	5.57 36.81 6.27	_	0.77	66385
Jun-17	61.92	3.42	2.55	6.16	36.99	5.97	0.75	86084
Jul-17	62.07	3.76	2.61	6.07	35.99 6.37		0.69	101823
Aug-17	62.35 3.83	3.83	2.15	5.95	32.05 5.98		0.56	115317
Sep-17	62.15	4.25	2.02	5.48	30.51	6.27	0.48	84756
Oct-17								
Nov-17								
Dec-17								
Jan-18								
Feb-18								
Mar-18								
CUMML	61.99	3.66	2.46	5.85	35.02	6.12	0.67	61.99 3.66 2.46 5.85 35.02 6.12 0.67 550635

Sep-17

62.86

1.98

15.98 17.77

5.23 5.10

0.61

56117 51793 46360

62.96

3.25

1.85

17.78 16.26 13.51 27.07

0.57

Aug-17

Jul-17 Jun-17

63.16 | 2.80

1.86 1.96

62.87

2.62

14.65 25.46 15.82 26.04

4.58

0.75

39254

4.66

0.66

Dec-17 Nov-17 Oct-17

Jan-18

Mar-18 Feb-18

CUMML

62.84

2.85

2.07

15.68 22.81 4.92

0.73

281399

May-17

2.48

Apr-17 APP 17-18 Act 16-17

62.67

2.19 2.60

16.31 24.26

4.91

0.81 1.05

5.08

24337 63538 62.50 3.00

2.50

15.00 15.00 5.50

0.83 0.82

800000 552795

63.40 2.69

2.20 | 15.46 | 25.35

4.89

Fe

SiO2 AI2O3

SO

US

Al+Si Al/Si RECPT

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SiO2 AI2O3

SO

US A1+Si A1/Si

RECPT

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			ļ		वस्य			गुआ
344318	0.70	_	16.92 22.95 4.75	16.92	1.96	2.79	62.97 2.79	CUMML
								Mar-18
								Feb-18
								Jan-18
				•				Dec-17
								Nov-17
								Oct-17
59046	0.51	4.85	16.64	19.26 16.64	1.64	3.21	63.05	Sep-17
58793	0.50		17.91 21.30 4.81	17.91	1.61	3.20	63.11	Aug-17
40593	0.61	5.08	15.32 24.60 5.08	15.32	1.92	3.16	62.99	Jul-17
51331	1.03	4.73	16.11 24.84	16.11	2.40	2.33	62.93	Jun-17
53290	1.03	4.54	14.98 26.60	14.98	2.30	2.24	62.69	May-17
81265	0.72	4.46	17.92 23.74	17.92	1.86	2.60	63.04	Apr-17
000000	1.04	4.90	10.00 10.00	10.00	2.50	2.40	62.60	APP 17-18
807301	0.94.	4.33	26.02	15.18 26.02	2.10	2.23	63.77 2.23	Act 16-17
RECI	Al/Si	AI+Si AI/Si RECPT	us	os	SiO2 A12O3 OS	SiO2	Fe	

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				-				ъ-18
								n-18
								ec-17
								ov-17
								ct-17
106781	0.65	5.97	30.95	5.14	2.36	19°8.	62.24 3.61	:p-17
74366	15.0	4.98	33.20	5.97	1.68	3.30	62.91	ug-17
45423	0.60	6.45	36.30	6.06	2.42	4.03	61.98	l-17
71618	1.00	6.37	37.03	6.21	3.19	3.18	61.81	n-17
59732	1.01	6.00	37.03	6.35	3.01	2.99	61.59	ay-17
70448	0.78	5.85	36.40	6.30	2.57	3.28	62.02	pr-17
1200000	1.04	5.70	30.00	10.00 30.00 5.70	2.90	2.80	62.70 2.80	PP 17-18
699481	0.92		36.78	2.77 5.93 36.78 5.78	2.77	3.01	62.71 3.01	ct 16-17

गुआ

CUMML Mar-18

62.09

3.40

2.54

6.01

35.15

5.94

0.75

428368

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CUMML	Mar-18	Feb-18	Jan-18	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP	Act 16-17	
IML	18	8	8	17	17	17	7	17	7	7	17	17	APP 17-18	6-17	
62.52 3.13							62.73 3.40	62.95 3.37	62.85 3.37	62.12 2.88	62.32 2.69	62.12 3.05	62.50 2.90	62.91 3.13	Fe
3.13							3.40	3.37	3.37	2.88	2.69	3.05		3.13	SiO2
2.16 3.09 39.05 5.29							1.94	1.54	1.84	2.61	2.34	2.66	2.80 5.00 40.00 5.70	2.38	A12O3
3.09							2.96	3.10	3.34	2.90	2.69	3.52	5.00	3.96	OS.
39.05							36.71 5.34	38.45 4.91	1.84 3.34 37.76 5.21	2.90 39.82 5.49	41.81	39.76 5.71	40.00	38.93 5.24	US
							5.34	4.91			5.03	5.71			Al+Si
0.69							0.57	0.46	0.55	0.91	0.87	0.87	0.97	0.80	Al/Si
0.69 228723							40410	5749	14203	64128	62639	41594	0.97 700000	408171	AI/Si RECPT

Oct-17

Feb-18

CUMML Mar-18

62.70 2.80

2.15 | 14.28 | 24.24 | 4.95

0.77

97138

Jan-18

Dec-17 Nov-17 Aug-17

6|.4|

Sep-17

63.08

2.86 3.96

1.99

9.87

4.85 6.66 5.18 4.54

21306

Apr-17

63.20

APP 17-18 Act 16-17

62.50 | 2.70 | 2.60 | 10.00 | 10.00 | 5.30

63.59 2.64 1.94 17.49 23.69 4.58

SiO2 | A12O3 | OS

US

Al+Si Al/Si

RECPT

0.73

147694

0.96

300000

0.85

31406

21528

May-17

Jun-17

62.77 62.80

2.41 2.18

2.13 2.07

14.80 26.58

0.88 0.94

17135 4059 1704

0.67

0:68 0.70

14.08 26.58 14.35 | 22.00 25.21

2.06 | 16.18 | 24.50

1.94 | 16.37 | 23.53 |

Jul-17

62.91

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Act 16-17

APP 17-18

62.70 | 2.80

2.90

10.00

5.54

47.79 5.56 30.00 5.70

0.90

. 02

107267 107133 1800000

1.04

62.99 2.58

2.42

8.33

39.51

5.38

1.00

1195329 RECPT

Fe

SiO2 | AI2O3 |

S

S

Al+Si Al/Si

115075	89.0	4.43	16.86	13.48	62.72 2.64 1.79 13.48 16.86 4.43 0.68	2.64	62.72	CUMML
								Mar-18
								Feb-18
								Jan-18
1								Dec-17
								Nov-17
								Oct-17
90852	0.57	4.62	12.70	18.88	1.68	2.94	62.75	Sep-17
85090	0.43	4.54	13.56	18.94	1.37	3.17	62.70 3.17	Aug-17
65431	0.53	4.71	16.64	9.98	1.64	3.07	62.78 3.07	Jul-17
65928	1.11	3.89	17.04	9.75	2.05	1.84	62.83	Jun-17
61975	1.13	3.86	11.06 21.73 3.86	11.06	2.05	1.81	62.60	May-17
46699	0.61	5.24	19.42	12.99	1.99	3.25	62.52	Apr-17
800000	1.04	4.90	10.00	10.00	2.50	2.40	62.60	APP 17-18
780607	1.03	4.24	19.48	10.13	2.12	2.29	62.91	Act 16-17
RECPT	Al/Si	Al+Si Al/Si	US	os	A12O3	SiO2	Fe	

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श्रम

JMML 6	ar-18	5-18	-18	:c-17	w-17	t-17		0-1/
2.72							62.75 2.94	7.70
2.64							2.94	02./0 3.1/
62.72 2.64 1.79 13.48 16.86 4.43 0.68							1.68	1.5/
13.48							18.88	16.74
16.86	1						18.88 12.70 4.62 0.57	16.74 13.36 4.34
4.43							4.62	
0.68							0.57	0.43
			,				ı	Ì

Oct-17 Nov-17

Dec-17

Aug-17 Sep-17

63.16 2.77 63.92 2.77

<u>-</u>85 1.48

4.43

38.53 41.79 42.90 | 5.39

0.67

101840 106463 87032 Jun-17

62.20 2.69 2.82 62.33 | 2.60 | 2.64 62.54 | 2.93 | 2.63

6.34 9.13

38.11 5.51 38.96 5.24

1.05

84755

Jաl-17

62.98 3.36

2.03

5.25

4.52

4.25 4.62

0.53

0.60

May-17 Apr-17

CUMML

62.91 2.83

2.21

5.93

41.38 5.04

0.78

594490

Mar-18

Feb-18

Jan-18

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463739	0.68	4.21	49.30 4.21	2.66	63.70 2.50 1.71	2.50	63.70	CUMML
								Mar-18
		,				!		Feb-18
								Jan-18
								Dec-17
								Nov-17
								Oct-17
83157	0.58	3.99	48.48	3.09	1.46	2.53	64.13	Sep-17
108616	0.42	4.30	50.68	2.73	1.27	3.03	63.86	Aug-17
108687	0.61	4.40	49.49	2.70	1.66	2.74	63.87	Jul-17
51590	0.91	3.99	43.61	3.10	1.90	2.09	63.60	Jun-17
58759	1.01	3.59	50.39 3.59	2.28	1.80	1.79	63.54	May-17
52930	0.78	5.05	53.37	1.92	2.21	2.84	63.14	Apr-17
400000	0.97	5.70	40.00 5.70	5.00	2.80	2.90	62.50 2.90	APP 17-18
927188	0.71	4.66	50.33	3.83	1.96	2.99	63.13	Act 16-17
RECPT	Al/Si	Al+Si	US	os	A12O3	SiO2	Fe	

Sep-17 Oct-17

62.13 62.38 62.70

4.45 4.08 2.91 2.43

].<u>4</u>] 1.44 1.84

17.82

19.47 | 5.86

0.32

38975 47854

13.13 | 16.81 | 5.52

0.35

5.29

16.34 4.75

0.63

51319

Aug-17

Jul-17

Jun-17

62.49 63.01

2.03

6.03 | 17.24 | 4.46

0.84

43751

Nov-17

Dec-17

Jan-18

Feb-18

Mar-18

CUMML

62.63 3.02

1.61

17.59 4.63

0.53

235901

Apr-17

63.13 2.28

1.50 | 12.33 | 17.75 | 3.78 | 0.66

10.00 | 10.00 | 5.30 | 0.96

12.18 | 16.82 | 4.54 | 0.63

522831

400000

28274

May-17

1.86

1.44

12.19 17.67 3.30

0.77

25728

Act 16-17

62.61

3.05

1.79

Fe

SiO2 A12O3

S

US

Al+Si Al/Si

RECPT

APP 17-18

62.50 2.70 2.60

Act 16-17

62.60 2.47

1.85 | 18.14 | 18.56 | 4.32

10.00 15.00 5.10 5.20.50 20.50 20.90 4.57 5 19.90 20.80 4.91 3 19.90 20.80 5.12

700000 84635 57809

0.85 0.98

62.30 2.85 62.08 2.96

2.85 2.40 3 2.96 2.72 3 3.16 2.52

5.68

138383 88744

5.68 0.80 5.25 0.84

60585 69349 73859

60447

Aug-17 Sep-17 Oct-17

61.81 62.22 62.08

3.76 3.04

2.47 2.36

6.23 5.40

124451 135052 123799

19.70 21.00 15.60 21.70

SiO2 AI2O3 OS

S

Al+Si

AI/Si RECPT

0.75

750125

Act 16-17

62.26 3.02

2.60 2.80

SiO2 A12O3

os 10.00

us

Al+Si Al/Si

RECPT 1300740

5.62 0.86 5.69 0.94

5.80

1600000 132758

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गृणवत्ता :: राउरकेला इस्पात संयंत्र

Fe SiOZ AIZO3 OS Act 16-17 62.28 3.18 2.50 APP 17-18 62.50 2.90 2.80 5.00 Apr-17 May-17	Fe SiO2 AI2O3 OS US 17 62.28 3.18 2.50 US 18 62.50 2.90 2.80 5.00 40.00									
Fe SiO2 AI2O3 OS 62.28 3.18 2.50 62.50 2.90 2.80 5.00	Fe SiO2 AIZO3 OS US 62.28 3.18 2.50 62.50 2.90 2.80 5.00 40.00	Jun-17 Jul-17	Jun-17 Jul-17 Aug-17	Jun-17 Jul-17 Aug-17 Sep-17	Jul-17 Jul-17 Aug-17 Sep-17 Oct-17	Jun-17 Jul-17 Aug-17 Sep-17 Oct-17	Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17	Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Jan-18	Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18	Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18
\$102 A1203 OS 3.18 2.50 2.90 2.80 5.00	SiO2 AI2O3 OS US 3.18 2.50 US 2.90 2.80 5.00 40.00									
	40.00									
	40.00									
		_								
A)+Si 5.68 5.70										
Al+Si Al/Si RECPT 5.68 0.79 209772 5.70 0.97 200000	Al/Si 0.79 0.97									

P-25

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्गुआ	COMME
	02:00 2:00 2:00 1:00 1:21 0:00
	1.00
भ	4.00
	400704

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Act 16-17 APP 17-18

62.50 62.75

2.70

Fe

2.53 2.44 15.74 20.43 4.97 0.96 546

2.60 | 10.00 | 10.00 | 5.30 | 0.96

LIMMU	Mar-18	Feb-18	Jan-18	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP 17-18	Act 16-17	
62.33				_			62.14	61.98	61.98	62.59	62.76	62.64	62.50	62.66	Fe
2.88							3.22	3.38	3.14	2.46	2.47	2.33	3.00	2.89	SiO2
2.55							2.57	2.61	2.77	2.79	2.24	2.45	2.50	2.36	A12O3
2.55 21.03 19.27 5.43							13.60	22.30	22.30	22.40	22.40	23.40	15.00	21.42	os
19.27							13.60 19.40	19.20	19.20	19.40	19.40	19.00	15.00	19.65	US
5.43							5.79	5.99	5.91	5.25	4.71	4.78	5.50	5.25	Al+Si
0.89							0.80	0.77	0.88	1.13	0.91	1.05	0.83	0.82	Al/Si
263732							47102	54536	36523	36089	51114	38368	300000	462287	RECPT

Feb-18 Mar-18 CUMML

मेघाहातुबुरू

62.43 2.84 2.47 18.01 21.13 5.31

0.87

406684

Feb-18 Mar-18 Jan-18 Nov-17 Dec-17

मेघाहातुबुरू

62.07

3.15

2.53

5.68 0.80

743187

भाइन्स

Jan-18

CUMML	Mar-18	Feb-18	Jan-18	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP 17-18	Act 16-17	
62.01							62.05	61.78	62.18	62.04	62.03	61.93	62.00	62.08	
62.01 3.14 2.59							62.05 3.10	3.77	3.01	2.86	3.12	3.17	3.80	3,45	
2.59							2.40	2.40	2.52	2.94	2.58	2.62	2.70	2.57	ľ
		-											5.00		Ī
													30.00		
5.73							5.50	6.17	5.53	5.80	5.70	5.79	6.50	6.02	l
0.82							0.77	0.64	0.84	1.03	0.83	0.83	0.71	0.74	
521059							121117	72052	78542	110284	60436	78628	650000	880831	

521059	0.82	5.73 0.82			2.59		62.01 3.14	CUMML
								Mar-18
								Feb-18
								Jan-18
								Dec-17
								Nov-17
								Oct-17
121117	0.77	5.50 0.77			2.40		62.05 3.10	Sep-17
72052	0.64	6.17			2.40	3.77	61.78 3.77	Aug-17
78542	0.84	5.53			2.52	3.01	62.18	Jul-17
110284	1.03	5.80			2.94	2.86	62.04	un-17
60436	0.83	5.70			2.58	3.12	62.03	May-17
78628	0.83	5.79			2.62		61.93 3.17	Apr-17
650000	0.71	6.50	30.00	5.00	2.70	3.80	62.00	APP 17-18
880831	0.74	6.02			2.57	3.45	62.08	Act 16-17
RECPT	Al/Si	Al+Si Al/Si	US	Ş	AIZOS	SIOZ		

गुणवत्ता :: राउरकेला इस्पात संयंत्र

SiO2 AI2O3 OS Sn

Fe SiO2 AI2O3 OS US AI+Si AI/Si 63.05 2.37 2.19 18.74 17.46 4.56 0.92 2.03 2.06 9.00 2.26 1.99 9.00 2.11 | 12.26 | 17.58 | 4.16 | 1.03 | 264184 2.20 | 10.00 | 10.00 | 4.20 | 1.10 2.20 लम्य 2.10 8.40 20.70 18.30 17.24 16.70 16.40 18.00 18.60 08.81 18.38 US 4.40 1.10 4.07 1.08 3.70 4.22 4.09 4.33 AI+Si AI/Si 4.45 0.98 1.09 0.99 0.88 62804 21566 35056 47234 45848 102444 RECPT RECPT 51676 517617 11573 700000 Act 16-17 Mar-18 Oct-17 Nov-17

CUMML	Mar-18	Feb-18	Jan-18	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP 17-18	
62.64											63.10	62.54	63.00	
62.64 2.21 2.70											1.80	2.30	2.40	
											2.40	2.77	2.60	
7.80												7.80	5.00	
38.00 4.91												38.00	40.00	
											4.20	5.07	5.00	
1.22											1.33	1.20	1.08	
18259											3898	14361	300000	

CUMML	Mar-18	Feb-18	Jan-18	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP 17-18	Act 16-17		
													62.00	60.11	Fe	
													3.10	4.27	SiO2	
													3.10	4.74	SiO2 A12O3	
													5.00	4.27	os	
													40.00	4.74	US	
													6.20	9.01	Al+Si	
													1.00	1,11	AJ/Si	
													350000	9608	AI+Si AI/Si RECPT	

63.23 2.15 63.49 1.88 2.20 1.95 2.38 16.00 20.30 4.33 2.01 2.16 16.00 20.30 4.17 2.60 1.80 9.80 17.50 4.40 2.23 2.45 2.18 | 2.14 | 12.00| 15.48| 4.29 | 16.60 20.00 4.08 1.17 8.50 9.00 2.23 18.10 18.80 2.45 | 4.68 | 1.10 4.33 5.80 Al+Si 4.40 0.69 1.00 <u>.</u>0 1.07 44424 31932 26127 29272 39580 100254 200000 19887 RECPT

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63.50 | 1.77 | 1.93 | 20.70 | 18.30 | 3.70 | 1.09

11573

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CUMML

Nov-17 Dec-17 Jan-18

Aug-17 Sep-17 Oct-17

un-17 Jul-17

May-17

Apr-17

Apr-17

Mar-18 CUMML

Dec-17 Jan-18 Feb-18

Oct-17 Nov-17 Sep-17

P-26

काल्टा

मनोहरपूर

काइन्स

62.78

SiO2 AI2O3 OS US AI+Si AI/Si RECPT
2.49 2.21 8.13 36.75 4.70 0.89 154296

CUMML

62.71 2.44 2.23

4.67 0.91

181164

Feb-18 Dec-17

Jan-18

Sep-17

63.08

2.28

1.85

4.13

18.0

48458

5.97 5.52 4.69

44790 18028 15227 7496

62.81 2.55 2.04 62.19 2.46 3.06 61.90 3.68 2.29 62.80 2.69 2.00

62.82

2.09 | 2.32 2.40 2.49

2.50

5.00

40.00

4.90

. 2

431608 1100000

47165

4.80

Al+Si Al/Si RECPT

| 63.22 | 2.05 |

Aug-17 Sep-17 Oct-17 Nov-17 Dec-17

2.25

APP 17-18 63.00 63.05

2.00

Mar-18 CUMML

Jan-18 Feb-18

Apr-17

																			•																		•														
																				•													7.		:																
CUMML	Mar-18	Feb-18	jan-18	Dec-17	Nov-17	Uct-17	Sep-17	\$ 17	Aug-17]ա1-17	Jun-17	May-17	Apr-17	81-/1 day	VC(10-1 /			सनोहरपुर	CUMML	Mar-18	Fcb-18	1an-16	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP 17-18	Act 16-17	 -	गुआ	CUMML	Mar-18	Feb-18	Jan-18	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP 17-18	Act 16-17	
62.64											61.34		63.93	63.00	94.40	Fe]		62.87				Ī			63.22	63.63	62.98	62.49	62.40	62.34	62.50	63.02	Fc		61.63			T				62.16	62.41	61.72	60.59	61.62	61.33	62.70	62,03	77
3.26											4.69		1.82	2.00	1.23	SiO2		• .	2.78			Ì				2.75	2.76	3.11	2.91	2.55	2.72	2.90	2.72	SiO2	2	3.20	Γ					П	_	М	3.28	\neg	-	_	\vdash	_	SiO2
3.72											4.70		273	2.20	2.99	A1203		भ	3.06							2.69	2.41	2.82	3.05	3.80	3.69	2.80	2.95	AI2O3	क्र	3.95			Ī				3.38	3.35	4.10	439	436	4.4	2.90	3.83	A1203
12.07				. "	, ^						12.42		26.30	10.00	26.11	SO			10.58							7.45	4.83	2.10	14.42	11.71	11.85	5.00			•	17.64							15.36	9.36	8.84	25.46	14.61	14.78	10.00	_1	S
21.42											21.63		6.70	10.00	7.83	US			48.42							49.51	49.34	46.05	47.00	50.47	48.27	40.00	48.38	Sn		37.72							32.40	33.71	36.67	32.59	45.91	-	-	41.61	S
6.98		٠									9.39		4:55	4.20	4.22	AI+Si			5.84							5.44	5.17	5.93	5.96	6.35	6.41	5.70	-5.67	AJ+Si		7.15							6.96	6.58	7.38	7.97	6.77	7.54	5.70	667	Al+S:
1.14											1.08		1.50	1.10	243	AI/Si			1,10					·		0.98	0.87	0.91	1.05	1.49	1.36	0.97	1.08	A1/Si		1.23							0.94	- - - -	1.25	1.23	18.1	1.43	<u>.</u>	_	AI/S
19770											13170		6600	150000	103000	RECPT		•	574765							79242	118524	85783	105838	78896	106482	1900000	1221000	RECPT		578001	-						73357	137700	75040	114424	76902	100578	900000	_	RECPT

APP 17-18 Apr-17 May-17 Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Oct-17 | Dec-17 | Dec-18 | Feb-18 Act 16-17
 62.56
 2.33
 3.68
 23.71
 27.89
 6.01
 1.58

 62.08
 3.22
 4.13
 4.83
 37.24
 7.35
 1.28

 62.04
 3.42
 3.44
 8.77
 34.24
 6.86
 1.01

 61.19
 -4.59
 3.64
 8.22
 43.64
 8.23
 0.79

 Fe
 SiO₂
 Al₂O₃
 OS
 US
 Al₂Si
 RECPT

 62.65
 2.84
 2.77
 7.88
 47.01
 5.61
 0.98
 3300

 62.50
 3.00
 2.50
 15.00
 15.00
 5.50
 0.83
 61.99 3.40 3.74 16.69 36.16 7.14 1.10 89888 10328 19992 31756 27812

मेघाहातुबुरू भारत

5 S3
3.28
7.25
4.15
5.30
4.73
Al+Si Al/Si RECPT

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221951	0.78	6.89	20.29	12.11	-	3.86 .3.03	62.31	CUMML
~								Mar-18
ı								Feb-18
ĺ								Jan-18
								Dec-17
								Nov-17
								Oct-17
41767	0.89	5.24	24.21	14.79	2.47	2.77	63.29	Sep-17
58364	0.52	6.71	19.03	17.78	2.29	4.42	61.95	Aug-17
35137	0.45	8.78	29.97	15.81	2.73	6.05	60.57	Jul-17
61123	0.89	6.29	7.02	23.03	2.97	3.32	63.84	jun-17
								May-17
25560	1.59	5.89	10.70	28.20	3.62	2.27	62.71	Apr-17
500000	1.04	4.90	10.00	10.00	2.50	2.40	62.60	APP 17-18
449000	1.73	3.80	10.21	24.06	241	1.39	64.30	Act 16-17
R	Al+Si Al/Si RECPT	Al+Si	US	OS	AIZU3	5102	70	

गूणवत्ता :: बर्नपुर इस्पात संयंत्र लम्भ

बोलानी

गुणवत्ता :: बनेपुर इस्पात संयत्र

बोलानी

BLEND QUALITY BASED ON RECEIPT AT PLANTS

Act 16-17 APP 17-18

63.76

Fе

BLEND

Mgy-17 Jun-17 Jul-17

62.70 63.02 62.81 63.19 63.35 63.09

				BLEND C	MALITY BY	ASED ON RI	BLEND QUALITY BASED ON RECEIPT AT PLANTS							
	गृणवत्त	गुणवत्ताः बोकारो सम्प					B F N D		'n	गुणवत्ता :: बोकारो	ः बोकार	- ₹		
SiO ₂	Al ₂ O ₃	ß	SU	Al+Si	AI/Si	RECPT		F	S S S S	<u>^</u> ړ٠	S	ß	A+S	
2.35	1.99	15.91	23.64	4.34	0.85	1814533	Act 16-17	6	-	2.56	7.50	35.43	5.91	_1
2.65	2.50	12.00	13.00	5.15	0.94	2700000	APP 17-18	_	7	2.80		32.00		T
2.51	1.98	17.70	23.06	4.49	0.79	195954	Apr-17	61.98	\neg	2.74		35.92		T
2.28	2.11	16.75	22.75	4.39	0.92	164245	May-17	61.69		2.75		35.78		ī
2.30	1.94	15.03	21.19	4.24	0.84	176627	Jun-17	62.08		2.70	. r	35.10		. 1
2.75	1.72	13.74	22.16	4.47	0.63	144606	Jul-17	62.37	П	2.22	7.28	34.11		ıΤ
3.24	1.60	15.65	19.79	4.84	0.49	168431	Aug-17	62.71	\neg	1.91		31.60		1
3.19	1.75	14.52	18.83	4.94	0.55	183037	Sep-17	62.53		2.06	5.57	30.84	\neg	1
							Oct-17				·			
							Nov-17							
							Dec-17							1
							Jan-18							1
			<u> </u>				Feb-18		_					أأا
			2				Mar-18		1-					1
			1.00	1.01	0.70	1002700	COLAMAIC	62.20	0.00	2.50	0./3	00.07	3./3	•
ماطحا	णवत्ताः दुगापुर सम्प						BLEND		. ف	कडिन्स गणदत्ताः: दुगापुर	: दुगापुर			
SiO ₂	Al ₂ O ₃	OS	us	AI+SI	AI/Si	RECPT		Fe	SIO ₂	Al ₂ O ₃		Sn	AI+SI	_1
2.69	1.98	11.04	18.50	4.67	0.74	1381211	Act 16-17	62.97	\vdash	2.23	6.36	44.13	5.11	1
2.50	2.50	10.00	10.00	5.00	1.00	1300000	APP 17-18		2.90	2.90		32.00		
2.88	1.81	12.74	18.79	4.69	0.63	74973	Apr-17	62.74		2.49		49.64	5.39	
1.82	1.95	11.40	21.48	3.77	1.07	91278	May-17	62.76		2.34		43.01		
2.08	2.04	8.27	17.12	4.12	0.98	109679	Jun-17	62.73		2.47		40.19		
2.93	1.69	7.94	16.24	4.62	0.58	128060	Jul-17	63.51	\vdash	1.80		46.98		
3.45	1.41	17.20	14.72	4.86	0.41	144189	Aug-17	63.89		1.37		46.28		
3.39	1.60	18.56	14.73	4.99	0.47	129827	Sep-17	63.60	2.66	1.67		43.00		
					•		Oct-17							
							Nov-17							⊢ 1
			,				Dec-17							
							Jan-18							
							Feb-18					;		
							Mar-18							
2.84	1.72	12.99	16.76	4.55	0.61	678006	CUMML	63.27	2.73	1.97	4.47	45.06	4.70	Т
														I

Act 16-17 APP 17-18

62.75 62.60

Fe

62.75 62.68 62.69 62.80 62.58

Mar-18

63.05

BLEND

Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18

Apr-17 May-17 Jun-17 Jul-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18

62.67

62.56

CUMML

62.44

3.66

3.00

Nov-17 Dec-17 Jan-18 Feb-18

Aug-17 Sep-17 Oct-17

May-17 Jun-17 Jul-17

63.20 60.57 61.95 63.29

3.62 6.05 4.42 2.77

3.27 2.73 2.29 2.47

20.60 15.81 17.78 14.79

Act 16-17 APP 17-18

64.03 62.60 63.45

1.68 2.45 SiO₂

2.52 2.50 2.98

23.69 10.00 27.45

1.83

Fe

Al₂O₃

os ·

BLEND

19.52							24.21	19.03	29.97	9.24		9.03	10.00	9.73	SU
6.66							5.24	6.71	8.78	6.89		4.81	4.95	4.20	AI+SI
0.82							0.89	0.52	0.45	0.90		1.63	1.02	1.50	AI/SI
291734							41767	58364	35137	84566		71900	1150000	678978	RECPT
CUMML	Mar-18	Feb-18 .	Jan-18	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP 17-18	Act 16-17	
62.19							62.48	62.64	62.36	61.55	62.01	61.85	62.55	62.63	e.
3.03							3.37	3.10	3.19	3.22		2.90	2.90	2.77	SiO ₂
3.59							3.12	3.28	3.50	3.74	4.08	4.05	2.85	3.30	Al ₂ O ₃
14.14 42.21							10.78	7.46	5.20	20.31	13.14	13.27	7.00	8.77	S
42.21							41.65	39.05	41.18	38.99	48.22	47.10	37.00	45.69	SU
6.62							6.49	6.38	6.69	6.96	6.56	6.96	5.75	6.07	Al+SI
1.18							0.92	1.06	1.10	1.16	1.64	1.40	0.98	1.19	AI/Si
1274302			İ				180411	319628	180815	230590	155798	207060	2900000	2146780	RECPT

गुणवत्ता :: बर्नपुर इस्पात संयंत्र

BLEND

CUMML

62.13

3.05

2.52

5.56

0.83

1463669

गुणवत्ता :: बर्नपुर इस्पात सयत्र

Mar-18

1137395	0.92	4.88	18.90	16.39	2.34	2.54	62.74	CUMML
								Mar-18
								Feb-18
								Jan-18
	٠							Dec-17
	*							Nov-17
								Oct-17
192977	0.88	5.03	19.18	10.44	2.35	2.68	62.70	Sep-17
204901	0.79	5.35	19.40	14.92	2.36	2.99	62.47	Aug-17
167055	0.89	5.32	19.09	16.47	2.51	2.81	62.40	Jul-17
150172	1.04	4.84	19.96	17.89	2.47	2.37	62.73	Jun-17
216151	1.00	4.51	19.73	18.73	2.25	2.26	62.98	May-17
206139	1.04	4.39	19.74	19.70	2.23	2.15	63.02	Apr-17
2000000	1.00	5.00	13.00	11.00	2.50	2.50	62.80	APP 17-18
1994671	0.85	4.63	18.77	18.48	2.13	2.50	62.80	Act 16-17
RECPT	AI/SI	Al+Si	SN	os .	Al ₂ O ₃	SIO ₂	Fe	
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Nov-17 Dec-17 Jan-18 Feb-18 Apr-17 May-17 APP 17-18 Act 16-17 62.16 2.82 2.64 62.34 2.85 2.38 62.07 2.87 2.86 62.10 3.14 2.50 61.83 3.73 2.43 62.29 2.94 2.29 62.50 3.06 2.53 2.95 2.75

Jun-17 Jul-17

Aug-17 Sep-17 Oct-17

5.23 5.65 6.16 5.46 5.22 5.73

0.94 0.84 1.00 0.80 0.65

3156592 4400000 272912 247507 217056 218220 2182374

गुणवत्ताः ः राउरकेला _{फाईन्स}

Fe

SIO₂ | Al₂O₃

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AI+Si

AI/SI

RECPT

5.59 5.70

0.83

BLEND

BLEND

गुणवत्ताः सउरकेला

ग्णवत्ता :: बोकारो इस्पात संयंत्र

BF LST	,
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Act 16-17 APP 17-18 43.00 5.00 6.50 15.00 10.00 Apr-17 May-17 Jun-17 Jul-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML		CaO	MgO	SiO ₂	õ	SU
18 43.00 5.00 6.50	Act 16-17					
Apr-17 May-17 Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML	APP 17-18	43.00	5.00		15.00	10.00
May-17 Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML	Apr-17					
Jun-17 Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML	May-17					
Jul-17 Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML	Jun-17					
Aug-17 Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML	Jul-17					
Sep-17 Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML	Aug-17					
Oct-17 Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML	Sep-17					
Nov-17 Dec-17 Jan-18 Feb-18 Mar-18 CUMML	Oct-17					
Dec-17 Jan-18 Feb-18 Mar-18 CUMML	Nov-17					
Jan-18 Feb-18 Mar-18 CUMML	Dec-17					
Feb-18 Mar-18 . CUMML .	Jan-18					
Mar-18 CUMML	Feb-18					
CUMML	Mar-18		•			
	CUMML					

Aug-17

Sep-17

46.06

3.22 3.39 3.27 3.23 3.46 3.74

> 3.95 3.28 2.67 3.53

25.24 23.48

25.16

27.16 28.13 27.19

Jul-17

Jun-17 May-17 Apr-17

44.93

2.86

44.02

2.90

47.67

46.71 46.11

> 2.78 2.43

Jan-18

Dec-17

Nov-17 Oct-17

Feb-18

Mar-18

CUMML

45.92

2.73

3.39

3.23

26.06

गुणवत्ता :: बोकारो

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BF DOLOMITE	

त्लसीदामर	<u>ن</u>		BF DOLOMITE	OMITE	
,	CaO	MgO	SiO2	os	US
Act 16-17	30.27	19.21	3.94	5.92	8.95
APP 17-18	30.00	18.00	5.00	5.00	10.00
Apr-17	27.13	17.02	6.03	11.65	13.30
May-17	27.97	17.13	5.53	8.70	10.33
Jun-17					
Jul-17	30.96	20.32	5.93	4.65	9.68
Aug-17	28.58	18.48	5.76	4.75	9.60
Sep-17	31.45	19.53	4.96	4.50	9.40
Oct-17					
Nov-17					

कुटेश्वर

ग्णवत्ता :: बोकारो इस्पात संयं BF LSI

5.00	5.00	3.50	2.25	50.00	APP 17-18
24.9	2.63	3.59	2.56	44.77	Act 16-17
SN	os	SiO ₂	MgO	CaO	

CUMML	Mar-18	Feb-18	Jan-18	Dec-17	Nov-17	Oct-17	Sep-17	Aug-17	Jul-17	Jun-17	May-17	Apr-17	APP 17-18	Act 16-17		क्टेश्वर	
50.42							49.94	50.24	51.06	46.06	50.18	49.32	50.00	49.81	CaO		പ
1.88							2.33	2.01	1.64	2.70	1.94	2.40	2.25	2.15	MgO) - 1	गणवत्ता ः भ्रिलार्ड
3.74							3.65	3.68	3.35	3.22	3.92	4.31	3.50	3.92	SiO2	BF LST	ः भ्रिलार्ट
7.27		,					7.90	7.40	6.60	3.77	7.89	7.60	5.00	7.05	OS		
17.97							18.70	18.10	20.00	23.48	17.36	17.36	5.00	17.88	US		

Jan-18 Feb-18 Dec-17

Mar-18 CUMML

29.19

18.35

5.76

7.21

10.40

PERFORMANCE REPORT OF HEMM

2017-18	1	ļ	<u> </u>	017	ER 2	TEMBER 2017	SEP.	SEPTEMBER 2017	CAPACITY DATE OF	САРАСПҮ	MAKE I TYPE	CUMM.	PROJ. ND. UTI
											S	RU MINES	KIRIBURU

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	tt-200	\$6-200	DOZ-31	002-30	002-29	DOZ-28	DOZ-27	DOZER		DH-20	DW-19	DM-18	DM-17	DRILL		DUM-95	DUM-94	DUM-93	DUM-92	16-WND	ES WITG	89 WUD		DUMPER, 8.5 TE	DUMPERS		16 And Eulinp WOM or perities 61-X3.	EX-23	EX-22	EX-20	EX-19		BE-18	EXCAVATORS	TROO, NO.	
	58	4148	16029	17847	18367	23891	31167			51.6	18768	23600	21432			2735	3256	5540	20481	17727	30771	28302		13945			որ ճարոթ work	8674	8662	21706	20319		22700	S	SEPT '17	CUMM.
	BEML, D-355	BEML, D-355	BEWL 0-355	BEML 0-355	BEML D-355	BEML, D-355	BEMIL D-155	!		AC-ROTACOL-IDM-10	AC-ROTACOL-IDM-30	AC-ROTACOL-IDM-30	IR-ROTACOL-IDM-30			BEWT BH-100S	8EML 8H-100	BEWT 8H-100	CAT 777D	CAT 7770	KOMATSU HD785-7	KOMATSU HD785-7		BEMLBH-05			rly 16	KOMATSU PC2000-8	KOMATSU PC2000-8	KOMATSU PC2000-8	KOMATSU PC2000-8		BEML, 8E-1000			MAKE LTYDE
. '	410 HP	410 HP	410 HP	410HP	410HP	410HP	410HP			160mm	160mm	160mm	160mm			1001	1001	100T	100T	100T	10010	10010		857.0				9.5 CU.M	9.5 CU.M	9.5 CU.M	9.5 CU.M		4.5CU.M			CARACITY
TOTAL	22-Sep-17	17-Apr-15	19-Fcb-09	20-jrt/~9	11-Jun-04	14-May-04	15-May-01		TATOT	91, 20	14-0-1-09	19-May-08	24-Mar-05		TOTAL	May 2016	2-May-15	2-May-15	2-Fab-12	2-Fab-12	23-Jul-10 -	23-Jul-10	TOTAL	30-Mar-03		TOTAL	SUB TOTAL	28-Sep-15	11-Aug-15	17-Feb-12	14-1101-11	SUB TOTAL	31-711-01		COMMISSION	DATE OF
3024	144	480	480	480	480	480	480		1920	480	480	480	480		4200	600	600	8	600	600	600	600	600	600	,	3000	1800	68	600	600		1200	600		SCH. HRS.	
1328	0	106	64	88	480	393	197		1135	53	480	122	480		1297	85	45	79	68	8	21	488	600	ê	•	1231	99	16	14	69		1132	532		BID HRS.	
1135	88	221	267	295		67	200		380	188		192			1623	281	338	\$		362	197	43	0			829	821	192	230	399			۵		BIO HRS. IDLE HRS.	
1696	144	374	416	392	0	87	283		785	427	0	358	0		2903	ž	555	521	0	592	579	112	0	•		1769	1701	- 482	586	531	0	68	8		AVL.	SE
561	æ	15.	149	98	0	20	83		405	239	0	166	0		1280	263	217	118		230	382	69	0	•		940	880	392	356	132	0	S	8		UTL. KRS.	SEPTEMBER 2017
56.08	100.00	77.92	86,67	81.67	0.00	18,13	58.96		40.89	88 86	0.00	74.58	0.00		69.12	90,67	92.50	86.83	0.00	98.67	96,50	18.67	0.00	0.00		68.97	94.50	97.33	97.67	88.50	0.00	5.67	11.33		AVA	BER 2
33.08	40.28	41.04	35.82	24.87	0.00	22.99	29.33		51.69	55.97	0.00	48,37	0.00		44.09	48.35	39.10	22.84	0,00	38.85	65.98	61.61	0.00	0.00		53,14	51.73	67.12	60.75	24.86	0.00	88.24	88.24		%In	2017
18,55	40.28	31.98	31.04	20.31	0.00	4.17	17.29		21.09	49,79	0.00	34.58	0.00		30.48	43.83	36,17	19.83	0.00	38.33	63.67	11.50	0.00	0.00		31.33	48.89	65.33	59.33	22.00	0,00	5.00	10.00		UT% NET	
									10.31	9.72	0.00	11.16	0.00		4.04	4.92	3.52	4,55	0.00	3.84	3.87	3.00	0.00	0.00		6,60	5.77	6,64	4.55	6,46	0.00	1.63	23		FEED RATE	
27.45	30,02	30.36	38.26	22.05	0,00	62,50	19.76		27.16	24.06	000	31.63	9.8		48.21	59.13	50.46	56.72	0.00	38.26	43.22	45.65	0.00	.e 8		63.87	68.00	73.21	59.94	74.24	0,00	3,33	3.33		HSD/HR	
17712	<u>1</u>	2928	2928	2928	2928	2928	2928		11712	2928	2928	2928	2928		26620	3660	3660	3660	3660	3660	3660	3660	3660	3660		19520	10980	3660	3660	3660		8540	3680		SCH. HRS.	
7832		505	422	498	2928	2841	639		7724	425	2928	2068	2303		8419	383	2373	323	3000	415	742	1183	2194	2194		9418	2119	205	22	1850	۰	7299	2419		B/O HRS.	
5877	88	1331	1516	1537	0	67	1340		1566	816	0	387	363		9459	1548	774	2334	429	2253	1200	921	369	369		3976	3545	1007	1283	1255	0	ë	431		HRS.	
9880	144	2424	2507	2430	0	87	2289		3988	2503	0	850	625		17201	3277	1287	3337	660	3245	2918	2477	1466	1486		10103	8561	3455	3596	1810	0	1242	1242		AVL. HRS.	
4004	æ	1093	991	893	۰	20	949		2422	1687	۰	473	262		7742	1729	513	1003	231	992	1718	1556	1097	1097		6127	5316	2448	2313	555	0	811	811		UTL. HRS.	2017-18
55,78	100.00	82.77	85.60	82.99	0.00	2.97	78.18		14.05	85.48	0,00				67.14	89.54	35.16	91,17	18.03	88.66	79.73	67.68	40.05	+		61.75	80.70	-			-	74.5A	+-	4	AVA	8
40.52	40.28	45,10	39.52	36.75	0.00	H	₩		60.73	87.40	8	_	41.92		45.01	-	39.86	30.06	-	_	58.88	62.82	74.83			60.64	+	70,85	•	-	+-	╁	-	-	5	
22.60	40.28	37.33	33,83	30.50	0.00	0.68	32.41		20.68	57.62	0.00	T	8.95	1	Г	47.24	Г	Τ	İΤ	╁	46.94	42.51	29.97	 		31.39	⇈	1	T	T	1	╁	۲	1	5 5	i
	_	_				<u> </u>	_		10.93	11.12	000	10.78	9.96		3.70	3.58	3.07	3,99	3.29	3.84	3.65	3.91	2.30	2,30		5,67	633	5.74		╀	0.00	7.89	7,89	-	RA FE	
34.31	30,02	37.37	36.47	36.56	e.8	62.50	26.11		26.74	25.26	8	27.38	35.17		43.65	47.90	46,69	48.19	32.97	39.03	41.25	41.71	27,39	27.39		59.15	62.75	64.15	61.94	60.00	0.8	35.63	35.53		를 다 다	

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	02.27	DZ-26	02-25	DZ-24	02-23	DZ-22	12:20	DOZER		01-110	DN1-09	80-W0	DM-07	DRILL		D-57	D-56	0.55	\$.	25	0.52	200	DUMPEK, TOO IE	Ş	3	3	2 2	Ę	DUMPER,50 TE		PC-18 shifted from KION (EX19-20319hrs)	PC-18	PC-17	PC-14		BE-11	EXCAVATORS		PR 02		1
	6704	13871	7790	17079	18457	20579	11566			8023	17110	1667	22824			3171	3140	15443	13824	25465	25900	2,040	16		73 Cours	33420	2073	26/20	100		trom KION	24580	6185	26098		35618)RS	SEPT '17	UTILIS.	CUMM	2
	•	1	-	45	-	-	_			L	╀-	1	- -	4		-	_	-	╁	 -	a	5 2	5	$\frac{1}{2}$	+	Ç.	+	+	1		(EX19-20)	ξ.	ě	KOM	1	BE					
	BEML D-356	BEML.D-355	BEML'0-322	BEML'D-188	BEML, 0-355	BEML 0-355	BEML, D-355X			AC-ROTACOL-IUM-30	AC-KOLACOL-DE-30	ACKOLACOLADINA	R-ROTACOL JDM-to	100		BEML - BH100S	BEML - BH100S	CAT 7770	CAT 777D	KOMATSU HD7857	KUMAI SU NDIGA	KOMATSU HOTES	MATCH MD7857		BEHL 210M	REML 210M	MC12 70138	SEMI JION	NOT INCH) (9hrs)	KOMATSU PC-2000-8	KOMATSU PC-2000-8	KOMATSU PC-2000-8		BEML, BE-1000			MAKE ! TYPE	COMM.	
	411 HP	410 KP	410 H	4HOHP	10 H	\$19K9	410HP			10000	+	1	150000	7		192	ğ	Ē	100	3	3 3	B I	<u>=</u>	-	9103	21g	61.05	50 10	<u>-</u>			8.0 COR	8.0	9.5CU.M		4.5CU.M			CAPACITY		••
TOTAL	 	16-May-11	╀	╀	╀	1.Jan-0/	CU-AON-P	1	٦	TOTAL	K 1	16-Sep-09	5-May-08	1.Apr-05		y-may- 10	9-May-10	91	S. Cab. 43	Cr. day 1	1.Sep-1	1.500-10	1-Sep-10	101AL	15-Apr-07	(0-RWS	29-Sep-04	29-Sep-04	29-540-04		INTO TO	(14/1/2011)	17-16-16	20-Jan-12	SUB FOLAL	30-Sep-05			COMMISS.	DATE OF	
┞	╁	╁	+	╁	╁	+	╁	┨	}	╁	+	+	+	\dashv	\mid	╀	+	+	+	+	+	┧	-+	_	Ĥ	720	•	-	_	-	╁	╁	+	720	╁	t	┧	一版	SCH.		
5040	720	Ś	<u>2</u>	\$ \ \bar{8}	╬	╁	╁	┨	ł	+	8	-	+	<u>چو</u>		╁	7 6	+	+	+	\dashv	\dashv	┥	1440 1:	720 6	_		-	\dashv	ŀ	╅	╌	+	171	╁	╫	┨	-	. BID HRS.		
2040		}	3 8	3 8	8 -	i į	1 2	3	-	g	8	65	<u>\$</u>	137	┝	4	╬	+	+	╬	-	182	517	1354	634	720			-	ŀ	+	+	-	+	╬	╁	┨		IRS. IDLE		
1	ŝ	Ř	3 -	- 2	3 8	8 8	3	-	ŀ	7	-	ස	-	\$	┢	+	╬	+	-	-		182	68	78	78	 	-		_	·	+	-+-	┪	+	╁	4 2	┨	┝	W. AVL		
	3 8		3 6	> \{	55.	46	ŝ,	-		1035	311	295	206	ES		r I	570	583	431	£	559	538	203	86	86	-		0	0		┪	+	-	549	╬	+	┨	j.	- 1	SEP	
		3	285	۽ ا	316	<u>s</u>	239	ا		77	263	232	113	127	Ļ	_	4	_	_	_	397	356	36	<u>ه</u>	8	0	0	0	-		_	4	369	_	_	49 3	↲	-	UTL HRS. AV%	EPTEMBER 2017	
	43.47	80.2B	65.76	9	72.85	20.69	64.72	8		71.84	86.25	81.94	57.22	61.94		68.05	79.10	80.97	_	75.90	77.57	74 72	28.19	5.97	╁	┰	╁╴	8	8		-1	-+	78.82	_	一:	-+	3 2	}	× UTY	BER	
	57.90	88	59.45	8	60.25	33.89 89	51.18	8		70.95	84.70	78.64	54.61	56.73		66.15	73.57	76.50	32.85	68.25	71.08	66.17	66.75	9.30	9.30	8	g	8 8	0.00		58.75	61.13	65.02	\vdash	- †	-	37.56	}	_	2017	
	25.17	53,06	39.10	0.00	43.89	7.01	33,13	8		50.97	73.06	64.44	31.25	35.14		45.01	58.19	61.94	19.72	51.81	55.14	49.44	18.82	0,00		8	8	8	9,0		36.74	46.71	51.25	┥	42.36	<u></u>	6.81		5 6	i	
1	7									8684	3960	3230	85	529		6147	886	70€3	క్ష	<u>\$</u>	14 8	1392	445	à	\$ 2	1	1	-			12318	12318	4186	╀	3705	-	_	}	EIP I		
Ì										11.83	15.06	13.82	9.58 88	4.18		2.71	2.11	2.38	3.54	1.21	3.55	3.91	3.28	3 2	3 <u>2</u>	3 8	3 8	8 8	0,00		<u>ب</u>	12.21	134	1- 1	_	0,00			FEED H	 	
	22.94	23.17	22.74	0,00	22.78	24.75	22,64	0.00		32.97	32.51	33.62	34.69	31.23		28.04	24.70	26.46	40,49	12.87	33.00	8.00	3 S	_	_	3 8	3 8	8 8	8		77.91	80.19	84. 15	83,88	_	Н	31.02		HSD/HR	_	4
			4392	4392	4392	4392	4392	4392		8784	218	21.8	3 2	2196		30744 9435	4392	4392	4382	_	-+-	-	-+-	_1-	-	-	20.2	+-	, c	·\	17568		4392	4392	4392 1	4392 2	4392 2		SCH.	1	
	30744 19027	1316	2257	4392	2075	2695	1901	4392		3142	ŧ		3 5	<u>2</u>		9435	1276	╌	ន្ល	+-			000	-		╅	2000	-	,	<u>}</u>	5918	1—	977	<u>8</u>	1506	2483 1	2483		HRS 10	┨	
	5378	1180	855	-	973	88	1391	٥		1881	4-	- -			4	11309 21309	1 86	_		4-		- -	-	-+	-4-	-+	+	1910	9 9	-	5638 1		1464 3	1384 3	1220 21	1671 19	1571 19	4	HRS. H	4	ļ
	11718	3077	2136	0	2317	1697	2492	0		200				╌	┨	_	-	3489	┰	3086	_	-	-	2145		十	-	<u> </u>	╁	7	11650 6	_	3416 11		╁╴	╂	1910 339	1	HRS. HRS.	-1	İ
	6340	1897	1281	-	1345	137	1101	-		1 2	+				┨	_	<u> </u>	7	╅	╁	╬	+	-+	-	4	4		-	- ·	\dashv	0012	+-	╁	+	╁╴	+-	┝	4	\vdash	┨	د
	38.11	70.05	48.62	8	52.76	29.82	96.73	0.00		١	֓֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	91 65	88	57.17		69.31	i ja	i di	70.01	70.61	70 25	61.83	77.25	48.84	31.07	2,83	31.97	71.75	8	8	┝	73.93	+-	+-	+-	╂╾	╀	┨	XVA —	-∤ -	2474
	54.10	5	59.99	8	28.65	42,25	44.17	0.00	3		86 S	22 G8	61.42	65.73		15	22.80	2 2	46.43	36.69	22.56	<u>61</u> 38	63.81	62.45	7.27	19.28	2.31	9.8.	8	8	-	58.25	+-		+	- -	╁╴	┨	15 ×	4	Ö
	20.62	£	12	3 8	3 2	3 6.	20.50	3 8	3		42.82	65.76	41.03	33.72		100	13.50	37 60	36.89	19.67	15.85	37.90	49.29	30,50	2.26	0.55	0.74	7.06	8	8		3 8			-}-				u i		
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	+	+	+	+	\dagger		†	+	1	H	-		- 1	10.42	365		153	2.2	3.34	3.96	2.27	3,70	3.75	3.83	0.44	2.50	1.75	0.00	0.00	0.00		13.77		8 2	S i	ئ ا ئر		ž	RATE	- F	
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PERFORMANCE REPORT OF HEMM

B#2	B#:	ĝ	ROCK BREAKER	WAT I PER	73.4	32	WATER SPRENCES		¥6.7	Ē	MOTOR GAMADER		250	2	F. 83	PAY LOADER		DG2-11	002.27	DQ.	82	D07.24	200.00	17.30	DOZER		11-110	V71:480	# 1	D CANAL]	9.5	EP-6H	를	HP-47	3 1	E 2	ě	DUMPER, 100		E A	2	4	10-37	a secund		E.A.	EXA	EV3	£7.23		2	STANDING		ž ž	BOLA
		3		1750	1ZLZI	19MAS	E STORY		\$	2			ş	10502	12794			ăič	22	Ę.		37111	10.0	2			5347	13457	S C	ğ	•	4507	4963	Ē			300	E	1-4		22117	15780	i i		1		745	8258	72347	1463	1	2070		17.148	CUNCK UTILIS	BOLANI MINES
ACHATSU - PC45CLC-7	KOMATSU - PC450LC-7	BEAL BE-790		BEML WE ZI-2	BEACH WS 21-2	BEMT M2 59-5			BENT BO 925	BENT BO 172			Kawasaki, 902V	Hyundal-h1770-7A	Kowasakii, 802/w.2			SECON THESE	SECO THEO	REAL BUTAS	BENI BUTTO	COLUMN CALLED	BENE BUSS	SYCOS THREE			AC-RUTACOL-IDM-30	AC-ROTACOL-IDM-10	AC-ROTACOL-DIA-NO	at any area and an		BENT BH-1003	BEXT 8H-100\$	BEN1 60+1063	CAT TITO	95 KT 83 190	NOW THE WAY	KOMATSU HO785-7			MOS-HB TXC38	NOS-HE DIESE	CLASS TO SERVICE STATE OF THE PARTY OF THE P	DEW 150 MICH.			KOMATSU PC-2000-4	KDMATSU PC-2000-6	KOMATSU PC-2000-4	BE-1660	(albeat of the second	BENT SCHOOL	DE DE COMMON		NAME / PYPE	9
24CUM	2 KCUM	deff	_	7000	200	250			28	養養			55 æ	23 €	25 FS2			\$	8		1	9.03	8	49.69			П	_ -	C William	1		180	100.7	ä	8 1	Ē	8	8			100	5	E 8						Tï	7,50	ê			-	CAPAGIY	
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99,45	48,28		E	98 5	7	86.76		66 46	71.11	R2 B3	-	97.97	87	22.57	22	9.2	86.63	19.13	67.61	30.79	78.63	27.78	2	208	ļ	3 5	75.33	82 21	80.70	ŀ	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+-	╀	8	258	69,56		44,01	12.5	╀	- -	ž	87.60	L	70,38		2 2	╄	╀	-	72.06		╁	3		
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MAKE/TYPE CAPACITY DATE OF	PERFORMANCE R	
	MANCE REPORT OF HEMM	

reL-a s	FEL-7	FEL&	PAYL	TR-38	TR-40	1R-39	18-30	1R-3/	TR-36 (B/V)	TR-35 (B/V)	DOZER	- DM-10	DM-10	DH-G	D.H7	DRILL	Ţ,	6¢-H8	BH-97	Serve.	(609C1-WOM 8)	96-H8	BH- 9 5	BH-94	вна сена	HPQ-90	HP0-67	DUMP	. EX 22 4	EX-24	EX.23	EX:23	EX-21	EX-20	EXCAL		NO.	BARSU
FEL-9 Shifted to Gue on 15.12.2013	7	-	PAY LOADER	TR-38 is being utilised at Taldih	_	_			1	├	_	* DM-10 is being utilised at Taidih	\dashv	4	4		ŀ	+	97	' BH-93, 96 & 99 are being utilised at Taidih DLIMPER, 100 TE	13609) 8	_			-		_	DUMPER,50 TE	23 ere being s	4	4	_		20 2.	EXCAVATORS	ځ د		3
on 15.12.2	5711	9075		sed at Taldi	4669	9477	14625	13620	13897	12311		sed at Tak	3911	9391	23273			7690	593	ri being ellen gelied	8154	24733	26967	22090	21239	18402	26253		utilised at To	10887	15805	-	17318 11	24888		AUG'17		-
CIO	HYUNDAI	UST KOMAT. WA-470-3		S'	BEMIL D-355	BEML 0-355	BEML, 0-355	BEMLD-155A	BEMILD-155A	BEMILD-155A		ih .	AC - IDM-30	AC-IDM-30	AC - (DJH-30			BEWT BH-100	BEML BH-100	ed at Taidih	BH-50 M	BH-50 M	BH-50 H	B)+50 M	BEM1_210M	BEML210M	BEML210H		EX 22 & 23 are being utilised at Tablih, EX-24 Engine sant to GOH	BEML BE-1800	BEML, BE-1000	BEMI_8E-1000	TELCON, 1200V-1018	BEML8E-1000			BANE / CTPE	ALL VIEW PROPERTY.
	280 H.P	250 H.P			410 HP	410 NP	410 HP	320 HP	320 HP	320 HP			160mm	160mm	160mm		-	8	181		89	SŞ	507	507	507	507	50 T]	M COL	7.5CuM	4,5CuM	4,5 CuM	5,9 CuM	4.5 Cull			CAPACIT	,
TOTAL	27-Aug-11	21-Jan-09		TOTAL	6-May-14	10-Apr-12	18-Fab-10	22-Jun-07	23-Apr-05	11.01.88		TOTAL	15-Jan-15	30-Sep-09	29-Jan-98		TOTAL	04-Aug-11	4-Aug-11	TATOT	01.04.05 MIOH 20.02.2014 BIM	20-Aug-09	6-Feb-09	22-Dec-03	21-Feb-08	APR'05	Apr-2000		TOTAL	04-Auro-11	18-Fab-10	22-Dec-08	28-May-07	Mar-04			COMMISSION	2
624	624			2080	208	360	264	824	624	۰		624	416	۰	208	į		28	208	2416		376	408	208	28	624	208		1248	٥	416	416	208	208		SCH. HRS.		PERF
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608	8	۰		1209	208	138	258	605	0	٥		624	416	٥	208			ž	208	2233	297	319	388	208	208	605	208		558	٥	•	<u>ж</u>	٥	208		AVL HRS.		REPORT OF HEMM
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97.12	97.12	0.00		58.13	100.00	38.33	97.73	96.96 96	0.00	8		100.00	100.00	8	5 0 0 0		3	8	100.00	92.43	77.34	84.84	95.10	100.00	100.00	98.98	100.00		44.71	e. 8	0.8	84.13	0,00	100.00		AVA.	SEPTEMBER 2017	ž
215	2.15	0.8		4.88	0.00	28,26	6.59	0.50	0.00	0.00		35.58	53.37	0.00	8	١		8	8	5.11	12.79	10.34	11.08	0.00	0.08	0.00	0.00		15.23	8	9.0	24.29	0.00	0.00		N.L.N	2017	
2.08	2.08	0.00		2,84	0.00	10.83	6,44	0.48	0.00	0,00		35.58	53.37	0.00	9.8		3 8	8	8	4.72	9.90	8,78	10,54	0.00	0.00	0.00	0.00		6.81	٥	•	28	۰	٥		UT NET		
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0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00		20.50	20.50	9.0	0.00	5.85	3 8	8	99	10,98	13,16	9.09	10,47	0,00	0.00	0.00	0.00		37.65	9.8	99.0	37.65	0.00	0.00		HSDARR		
3616	3618	0		12024	1232	1736	1664	3696	3696	٥		4000	2160	808	1232	2402		1232	1232	13616	2128	1920	2152	1256	1232	3696	1232		7392	8	2160	2188	1232	1232		SCH, HRS.		
129	129	٥	30°	4590	72	337	351	134	3696	٥		789	280	18	ž	٩	, .	۰		1539	238	839	179	42	73	130	*		4210	ê E	1492	275	1232	83		HRS.		
3348	3348	0		6628	1109	1169	817	3533	•	٥		2285	1 006	ŝ	82	ţ,		133	1232	10506	1344	820	1438	1143	1098	3555	1108		2336	•	39	1313	٥	584		HRS.		
3487	3487	0		7434	1160	1399	1313	3562	٥	٥		3211	1880 0883	490	2	į		233	1232	12077	1890	1081	1973	1214	1159	3566	192		3182	•	668	58	•	629		AVL HRS.		
1	139	0		807	51	231	498	29	٥	٥		926	874	â	12	8	<u>;</u>	٠	•	1571	54 6	261	535	71	61	11	86		846	٥	229	572	۰	45		훘두		
96.43	96,43	0.00		61.83	94,16	80.59	78.91	96.37	0.00	0.00		80.28	87.04	80.59	68.26	100.00		8	666	88.70	88.82	56.30	91.68	96.66	94.07	96.48	96.92		43.05	8	30.93	87.27	8	51.08		š	2017-18	◆
3.99	3,99	0.00		10.85	4.40	16,48	37.78	0.81	0.00	0.00		28.84	46.49	8.16	1.43	9.95		8	8	13.01	28.69	24.14	27.12	5.85	5.26	0.31	7.20		26.59	8	34.28	3 4	8	7.15		Y.	≅	BACLRIND
3.84	3.84	0.00		6.71	4.14	13,28	29.81	87.0	0.00	0.00		23.15	40,46	6.58	0.97	4.66		8	8	11.54	25.68	13.59	24.86	5.65	4.95	0.30	6.98		13.44	000	10.60	26.48	0.00	3.65		UT#		
												1130	8	870	210	,	, ,	•	•	2	500	98	120	17	69	0	37		417	•	۰	26	۰	ž	Ī	TRUP		
												1.22	0.06	21.75	17.58	9.88	3 8	080	8	0.54	0.92	0.38	0.22	0.24	1.13	0.00	0.43		0.49	0.00	8	0.46	°.8	3.42	İ	FEED		
26,01	26.01	0.00		29.19	71.57	25.81	26.20	32.76	0.00	0.00		25.80	24.47	43.88	62.08	8	3 8	000	8	18.65	18.06	20.54	18.43	23,80	27.30	34.09	18,08		42.87	0.8	48.77	38,28	8	71.11		HSD JOSH		

PERFORMANCE REPORT OF HEMM

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(FROM BLM)	2	2	P-7	P.H	<u>P</u>	PAY LOADER		002-26	DOZ-25	DOZ-24	DOZ-23	DOZ-22	DOZ-21	DOZER	-	╣	-	┪	\exists	F	Ì	+	┥	┪	┥	┪	RD-66	DUMPER,100 TE	ŀ	┥	╬	ממשור בת, שם יווצמי	1000 60	973	╁	PIZA	╀		-	ě		GUA MINES
		-	17155	22908	11890	2		ž	8073	9751	13156	15321	15900		١	— Į	_		14498		ļ	4580	848	11433	15841	70027 7	70631	OTE .	-	17351	19425		i -	18/3	19535	1/280	2002	- 2	\$ -	UPTO	CUAN	ZMS
	LAT KOMATWA-479-3	Hyundal-N770-7A	LST KOMAT WA-470-3	LAT KOMATWA-470-3	HM-2071	-		BEML 0-355	BEML 0-355	BEML 0-355	BEML 0-155	BEML D-155	BEML D-355			AC-ROTACOL-IDM-31	AC-ROTACOL-IDM-30	AC-ROTACOL-IDM-30	IR-ROTACOL-IDM-30			BEML - BH 100	BEML - BH 100	CAT 7770	CAT 777D	KOMAT.HD785-7	KOMAT.HD785-7			BEML-BH-SOM	BEML-BH-50M	BEMI-BH-SOM	_	NOMA: SO	KOMATSU	82 1000(0)	BE 1800			MAKE I TYPE		
	260 HP	280 HP	260 HP	260 HP	:			410 HP	\$10 HP	410 HP	410 HP	410 HP	410 HP			180 mm	160 mm	160mm	160mm			1001	18	ŝ	1001	181	1001			507•	SOT-	25		0.5 0011	8.5 CUM	a com	200			CAPACITY		
TOTAL	15/12/2015	01-Jun-10	21-Jan-09	22-Jan-09	Apr. 03		TOTAL	8-Sep-17	25-Apr-14	1-May-10	Sep-08	May-08	Feb-04		TATOT	8-Dec-14	12-Sep-09	Sep-0a	Feb- O4		TOTAL	10-Jun-15	27-May-15	25-Jan-12	25-Jan-12	10-Sep-10	10-Sep-10		TOTAL	Dec-08	Sep-04	- 12 - 12 - 12 - 12 - 12 - 12 - 12 - 12		TOTAL	11. Apr. 15	1	17 Ass. 01	1 Fab 44		COMMISSION	DATE OF	
+	720	720	720	720	720	┢	2752	╀	╁	╁	480	480	480		1920	480	480	480	480	_	4320	720	720	720	720	720	720		2160	720	720	720		3	77 2		7 6	730	Ì	- SC .		
2271	165	720	720	46	720	┨	2 1714	╁╴	╁	-	╁	+-	╁	┪	1031	114	385	52	480		2099	408	87	720	105 105	687	92		1478	720	317	4	┢	†	8 8	8 8	4	720	ł	BO HRS	ļ	
+	254	_	-	273	ŀ		385	╁	╁	╁	à	5	9	1	631	287	90	254			825	193	144	0	8	20	88		534	0	288	248		1120	149	3 5	ş ,	•	ļ	BO HRS. OLE HRS.		
1229	555	0	0	874	0		1038	177	306		251	3 0	305		889	366	95	428	0		2221	312	633	0	615	33	628		682		403	279		2008	682	P .	673	-		HRS.	"	
Ž	361	0	0	<u></u>	٥		500	ž	123	; -	17.5	, o	224		258	79	5	174	٥		1396	119	489		215	ಪ	æ		148	•	115	ដ	ľ	889	533	377	79	•		UTL HRS, AV%	SEPTEMBER 2017	
2	77.08	0.00	0.00	93.61	0.00		31.12	20.14	03.05	2 2	B7.7C	5 00	83.54		46.30	76.25	19,79	89,17	0.00		51.41	43.33	87.92	8	85,42	<u>\$</u>	87.22		31.57	98	55.97	38.75	ľ	69.72	94,65	8	93.40	000		AV%	MBE	
57.12	54.23	0.00	0.00	+	╀	3	02.81		+-	+	28.80	8 6	13.44		29.02	21.58	5.26	40.65	8	1	62.85	38.14	77.25	0.8	86.72	39,39	89,17		21.70	0.8	28.54	11.83		44.25	78.14	25.67	11.75	8		u,	R 201	
19.50	41.81	8	0.80	55,69	2	2	43.13	3/.83	20.02		3 6	3 5	80,0		13.44	18,46	1.04	36,25	0,08		32.31	16.S3	67.92	8	29.86	1.81	77.78		6.85	8	15.97	4.58		30.65	73.98	38 47	10,97	8		S E	7	
															3387	749	27	2611		ļ	4476	429	1437	°	1003	ន	1554		287		232	55		4450	2861	1339	250			TRIP		
	-														13.13	9,48	5.40	15.01	8		3,21	3.61	2.94	8	4.67	8	2.78		1.94	8	2.02	1.67		5.01	5.37	483	3.16	8		FEED RATE		
12.83	10.76	0.00	0.00	14.38		3	20.60	30.40	27.75	38 57	3 2	25.80	20.3	35	31.59	37,97	8	29.02	000		56.95	56.35	65.85 85	8	50 88 80 88	53.85	56 07		47.09	8	47.30	34.24		74.79	77.37	77.98	48.20	0 8		HSDAIR		
21960	4392	4392	4392	4392	400%	200	10000	16736	352	2020	30 20	3166	1188	1168	11712	2828	2928	2928	87.BZ		26352	4392	4392	4392	4392	4392	4392		13176	4392	4392	4392		17568	4392	4392	4392	4392		HRS.		ļ
15453	837	4392	4140	1093	4000	202	1	8702	1	11 2	170	1523	3 3	1784	6401 01	ğ	1388	1076	87.67		13432	2474	1884	3956	878	1848	2395		5915	2726	1284	1895		5668	-+	523	678	3973		HRS.		
15453 3441 6507	2165	0	ة	, e		,		3094	A .	8 2	4	367	ě	Ž	3113	Ę	82	1059	٥	, , ,	4532	928	8	197	1519	3	414		6276	é	2717	1992		6578	1078	2125	3032	4		HRS. A		
ш	3556	٥	202	2507	3	3		7635	17 5		3	ğ 3	į į	1385	5311	1	ž	1852	١		12921	1918	2509	36	3517	2545	1997		7261	1668	3098	2497		11900	3898	3869	3714	420		AVL HRS.		
3067	_	ŀ	, [137	å,	ا		4	r e	783	87)	1278	1973	531	6617	╀	╄-	╄	╀	·	8969	982	ě	239	1998	1//4	-}-	-	SRG	╀	╄	505		-	2820	1744	682	76		#3 F		
29.63	80.95	0,00	3	5 75	4	8		46.73	50 14	61.95	2	51.93	49.43	43.70	45.35		70.57	3.25	1 5		49.03	43.67	27.72	9.93	80.07	26.70	40,47		35.11	37.83	70,54	56.85		67.74	88.74	88.09	84,58	9,55		Š	2017-18	
47.13	39.12	0.00	3 8	3 5	3	000		59.47	75.64	43.14	55.27	77.69	81.26	38,32	1.45			42.65	2 6	3	04.02	51.72	1.00	54.82	58,80	27.60	72.67	70 77	13,37	2,81	12.31	20.22		44.72	72.35	45.08	18.36	18.12		5	8	
13.96	31.67	c.oc	3 :	311	35 25	8		27.79	37.93	26,72	23.12	40.34	617	18.75	10.77		3 5	27.10	37 6	3	21.00	66.77	3, 63	U,44	45,48	40.00	30.04	360	40	2.24	8,69	11.50		30.29	64.21	39.71	15.53	1.73		S E		
				1	1										20000	1000	1000	2004 4706	653	,	227.02	26777	3 9	0/0	2000	2002	546	ALLA	-	1 2	705	366		26665	17190	8023	1261	191		TRUP		DAILYMINE
																	i S	2 2	3	3		2 .	+	+-	3 67	+	1	-	-	ŝ		┰		5.01	-	4.60	.85	2.51		RATE		
11.08	11.14	9	3	11.65	98	8		31.73	37,45	39.11	40.85	28.31	26.75	29.39	إ	3 3	3	3 60	20 20	3	اِ	83 34	6 6	60.60	20.04 20.04	5 5	2	5 7	1	2 2	2 2	19.48		74.72	86.06	72.82	33.58	66,45		¥ S		



EQUIPMENT AVAILABILITY & UTILISATION Sep-17

		_	_				_				,				
	SCREE	CRUS				DUMPER			SHOVEL	DRILL		E O			
OHP	SCREENING PLANT	CRUSHING PLANT	DOZER	100 tn	50 tn	85 tn	· HYD(E)	HYD(D) >4.6 m3	HYD(D) <4.6 m3	150 mm		EQPMI TYPE		•	
85	85	85	70	85	70	65	70	85	70	70		A۷	NO O		
85	85	85	70	80	80	75	70	88	75	70		5	NORM		
94			56	69				95	٥	41		A۷	3		
79			33	44	•			52	88	52		5	HIW	KIR!	
82			58	68		33		81	12	35		A	٠ 0	KIRIBURU	
69			38	44		78		60	66	59		5	CUM		
	72	85	43	68	٥			76	21	72		A۷	3	3	
	74	71	58	54	9			61	33	71		UI	MTH	EGHAL	
	73	86	38	69	17			74	43	64		٨V	CI	MEGHAHATUBURU	
	66	61	54	45	4			58	18	67		TU	CUM	RU	
	91	83	33	62	25			79	68	88		A۷	M		1
	69	53	53	47	33	_	-	64	46	58		UT	MTH	80	
	87	84	50	59	36			78	81	80		ΑV	CI	80LANI	
	70	89_	30	45	16			41	17	34		UT	CUM		
			57		87				42	84		٨V	W		
			23		11				13	45		UT	HIW	TAL	_
			81		83				59	84		A۷	CL	TALDIH	WII IIN %
			40		30				32	45		ut	CUM		1%
94			38	51	32			70		46		A۷	HIW		
76			63	63	22			44		29		UT	Ŧ	<u>ુ</u>	
93			45	49	55			68		45		AV	CL	GUA	
82			65	65	14			45		41		IU	CUM		

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Consumption of Key Consumables in 2017-18(Kiriburu)

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ltem 🔭	the free in	HSD.	\$ 1 \$ 1 \$ 1 \$ 1 \$ 1 \$ 1	- TAX3	POWER	LUBRICANT								
Unit 💮		Litre		kg	҉ҜѠҤ҉	Litre/Kg	DEPTT ROM- CC	CONT ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM	MINES	DGSET	TOTAL :		eri High High High High	· (1)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· · · · · · · · · · · · · · · · · · ·	0:12	0.45	4.2	25
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	126608	3443634	24977	1334250	0	0.10	0.59	6.47	26.36
2014-15	. 2045312	860700	2906012	733330	31989330	110440	3893355	354285	1135350	638246	0.13	0.52	5.94	19.93 ·
2015-16	2021760	758860	2780620	585470	31933017	107099	3648780	178245	2088990	201910	0.10	₹ 0.47	5.40	17.95
2016-17	2177112	702490	2879602	573840	31702875	101640	3891780	242370	2663910	0	0.08	0.44	4.66	15.36
2017-18	1069290	286333	1355623	243477	14535396	44580	2058660	61830	723420	156000	0.08	0.48	5.11	15.72
April'17	178986	42335	221321	39135	2295453	5880	304650	14940	246960	0	0.07	0.40	4.05	10.59
May'17 *	174112	50555	224667	40860	2313164	9870	298440	19890	170190	0	0.08	0.47	4.74	20.84
June 17	199103	56973	256076	49962	2164001	7140	350460	19980	111870	22000	0.10	0.54	4.49	15.10
July'17	175577	64457.	240034	27455	2415024	7200	341280	2880	50850	0	0.07	0.61	6.11	18.33
August'17	172237	47850	220087	43495	2792016	6090	403920	0	41940	42000	0.09	0.48	6.26	13.34
Sept 17 =	169275	24163	193438	42570	2555738	8400	359910	4140	101610	92000	0.08	0.40	5.49	17.30

Consumption of Key Consumables in 2017-18(Meghahatuburu)

Item:	4 T. T. T.	HSD.		EXPL	POWER	TUBRICANT								
Unit 🚊 🛬 🗆		Litre		kg	KWH	Litre/Kg	DEPTT ROM CONT	ROM	DEPTT OB	CONT OB	EXPL	Ltr/Te	POWER	LUB
NORM≠	MINES	DGSET	TOTAL	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		文 新典 第一章 (1) 《《 中華》 的數。	A CONTRACTOR OF THE CONTRACTOR				0.13	0.45	4.15	25
2010-11	2144701	222113	2366814	673680	20553880	162346	4110120		1173465	509607	0.12	0.40	3.89	30.00
2011-12	2362533	225172	2587705	553591	21142080	141234	4286700		1554480	325440	90.09	0.44	3.62 -	23.85
2012-13	2503447	298360	2801807	464676	20066760	123987	4225320		2166885	30114	0.07 .	0.44	3.14	19.37
2013-14	2324310	162200	2486510	392696	20328120	129431	4426065		1807800	780350	0.06	0.39	3.26	20.38
2014-15	2220183	193500	2413683	319470	18089880	126073	3673080	0	1305800	155000	0.06	0.44	3.63	23.61
2015-16	2225132	_ 166400	2391532	519270	19481640	115697	3737160	0	1716350	896600	0.08	0.43	3.57	20.70
2016-17	2572886	44085	2616971	515440	17964960	126531	3711060	162000	2828750	234000	0.07	0.39	2.68	19.06
2017-18	1E+06	22520	1283852	286825	9490080	60293	1712720	65500	1561850	450000	0.08	0.38	2.84	17.72
April'17	202775	790	203565	35160	1170360	6160	133020	0	435750	5000	0.06	0.36	2.06	10.81
May'17	205774	2080	207854	41353	1221600	11116	250190	10000	257800	30000	0.08	0.40	2.36	21.46
June 17	199459	9150	208609	43784	1239720	13846	323060	13000	203400	105000	0.07	0.38	2.30	24.90
July'17	206791	5340	212131	56859	1813920	9954	315510	7500	222500	85000	0.09	0.38	3.33	17.74
August'17	218558	3790	222348	45948	2148480	8759	285990	30000	282000	150000	0.06	0.36	3.59	14.29
Sept'17	227975	1370	229345	63721	1896000	10458	404950	5000	160400	75000	0.10	0.39	3.32	17.87
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Consumption of Key Consumables in 2017-18(Bolani)

Item 🚁 😑	- HSD	Expl	* Power	Lubricant									
Unit .	Litre	.kg	KWH	Litre/Kg	DEPTT ROM	F/G AREA CONTR SCR	CONT ROM	DEPTT OB	CONT OB	EXPL	HSD	HSD POWER	EUB :
. NORM⊡		# 15 T	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 1. 基础 "基础" 基础 "基础"	2. \$P\$ 2. \$P\$ 2. \$P\$ 4			1		0.11	0.43	¥ 4.8 .	÷ 25 ··
2010-11	2026625	479122	23080560	118412	3347818		573189	785490	196165	0.10	0.48	4.90	27.87
2011-12	1998636	534534	21235920	100300	3060290		684985	796330	164403	0.11	0.50	4.68	25.18
2012-13	1783555	514007	19644960	91014	2605030		470897	838270	506624	0.12	0.50	5.02	25.35
2013-14	1872289	635069	20288400	103250	2888400		952901	1049150	667212	0.11	0.45	4.15	24.70
2014-15	2149181	810530	21124800	109435	3516659	200000	677254	738201	1792737	0.12	0.44	4.28	22.23
2015-16	2259467	913430	21800400	106130	3598770	0	1735825	1382700	1085889	0.12	0.40	3.25	18.66
2016-17	2538285	618000	22677280	116550	4014310	0	1667532	1534785	920488	0.08	0.41	3.14	18.81
2017-18	1234909	419235	9684880	60647	1892095	0	590315	804785	615550	0.11	0.41	2.95	20.23
April'17	203043	34725	1620240	7920	326725	0	82032	104905	67824	0.06	0.43	3.15	16.88
May'17	204419	69615	1697760	14284	358980		99931	96900	38693	0.12	0.42	3.05	29.12
June'17	211143	83115	1650720	9475	287700	0	109943	192450	120346	0.12	0.39	2.80	17.62
July'17	207326	71200	1600320	10786	252700	0	102228	235200	189763	0.09	0.37	2.71	19.23
August'17	202708	80010	1786320	11109	316800	0	113352	103310	27441	0.14	0.45	3.35	24.40
Sept'17	206270	80570	1329520	7073	349190	0	82829	72020	171483	0.12	0.43	2.64	14.59

Consumption of Key Consumables in 2017-18(Barsua-Taldih)

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item 3 🛂 🦮	# # # # # # # # # # # # # # # # # # #	HSD ,	1	Expl	. Power - ⊕	Lubricant				-					
Unit 🔩 😁 🐛		Litre	4.	ke	KWH	Litre/Kg	DEPTT ROM CONT.ROM	CONT-ROM	PTT-08	-CONT-OB	LATOHIOTAL 80 HIGTAL	EXPL	HSD	POWER	. נטפּ
NORM	MINES	DGSET:	TOTAL		+403	* - *	BARSUA	TALDIH	BARSUA	10 m		⊕ 0.08	0.46-	4.90	25:00
2010-11	1748928			281925	18683800	86363	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	2281296		1350990	175261.7		0.07	0.52	4.12	27.19
2013-14	1592619	74350	1666969	253695	18204460	101571	1905428		1257525	652709		0.07	0.51	5.76	31.15
2014-15	1351019	18140	1369159	230450	17518920	62960	269920		2635065	350000		0.07	0.46	6.03	21.29
2015-16	1230145	6660	1236805	265250	15780840	47362	O	0	2384140	0		0.11	0.52	6.62	19.87
2016-17	934836	0	934836	188625	15520680	46730	0	173700	1804950	0	294165	0.10	0.45	7.84	22.26
2017-18	193775	0	193775	50950	6574782	7353	0	228265	6930	0	141570	0.14	1.30	27.95	49.52
April'17	30185	0	30185	4950	1069237	1050	0	24700	0	0	24300	0.10	1.24	43.29	43.21
May'17	46383	0	46383	8000	1137117	1470	0	36650	4365	0	37845	0.10	1.10	27.72	34.83
June'17	41862	0	41862	9500	959717	970	0	46902	945	0	42075	0.11	0.97	20.06	22.55
July 17	28813	0	28813	10500	875357	. 870	0	49888	0	0	21735	0.15	1.33	17.55	40.03
August'17-	27131	0	27131	9000	1289397.	. 2370	0	29533	1620	0	·3780	0.26	5.02	41.39	438.89
Sept'17	19401	0	19401	9000	1243957	623	0	40592	0	0	11835	0.17	1.64	105.11	52.64

Consumption of Key Consumables in 2017-18(Gua)

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Item	E 1748 水流	HSD		Expl	Power	tubricant		·				•		
Unit	in Eine	Litre		kg	KWH	Litre/Kg	DEPTT ROM CONT	CONT ROM	IDEPTT OB	CONT OB +	EXPL	HSD	POWER.	_ BOT
NORM	MINES_	DGSET	TOTAL		\$ 7 F 8 X 5				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1(1) 1(1)	0.09	0.55	4.6	25
2010-11	1813564	2030	1815594	367795	17584344	100224	2378504	0	674441	1325210	0.08	0.54	5.76	29.61
2011-12	1026199	12194	1038393	121305	16608240	50419	543562	0	236868	225000	0.12	1.24	21.28	60.26
2012-13	530895	31972	562867	0	15732024	22133	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2013-14	2677615	20143	2697758	423955	17447568	104254	3764538	0	1344785	0	0.08	0.53	3.41	20.40
2014-15	2085242	22389	2107631	277410	16677691	70037	2479410	0	752085	0	0.09	0.65	5.16	21.67
2015-16	2632296	18880	2651176	413320	18358728	92732	3565810	.284938	1540315	198718	0.08	0.51	3.60	17.91
2016-17	2933129	2804	2935933	438030	18480528	106696	3774559	239976	1554059	0	0.08	0.54	3.32	19.80
2017-18	1486151	1000	1487151	206892	9138696	52514	1903100	.0	699853	0	0.08	0.57	3.51	20.17
April'17	243281	200	243481	50022	1502832	7154	320600	0	116100	0	0.11	0.56	3.44	16.38
May 17	257565	0	257565	34225	1538376	7546	315200	0 .	115065	0	0.08	0.60	3.58	17.54
June'17	278830	. 0	278830	48603	1440624	12796	333000	0	94628	0	0.11	0.65	3.37	29.92
July'17	218080	400	218480	21145	1517400	9352	323000	0	87365	0	0.05	0.53	3.70	22.79
August'17	231143	200	231343	30319	1631208	6314	315600	0	137070	0	0.07	0.51	3.60	13.95
Sept 17	257252	200	257452	22578	1508256	9352	295700	0	149625	0	0.05	0.58	3.39	21.00
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ML No -227	MI, No139	ML No162	ML No. 130	BARSIIA-KALT	6.9 q , mik base	5.1 ag, mile lenne	Horomotto	Lenase - 🖽	ane-II	(casoc)	UR-MUR	NINK.	
15.01.84	17.01.75	29,04,60	. 06 01.66		14,11,62	11,04.86	01.01.70	01.10,73	06.02.73	28.03.60	92	GRANTED	
18.01.84 17.01.04 3.34	16.01.25	28.04,30	05.01.30	1	13.11.82	93.04.30	31.12.99	31.03.20	31.03.20	J103.20	1710	m	
3.34	25.981	77.94	2486.383		1386.36	1321.43	1051.98	ß	579,439	1936.06	(44)	ARYA	
04.01.03	01.01.14	21.04.99	×		26 03 02 (2nd R.M.)	26.03.09		26.09.02	10.01.02	17.02.09		RESERVA	
Preparation of Diversion Proposal is under progress.	Couline Diversion Proposal including safety zone submitted on 22.07.15. On screening of quiting diversion proposal, DFO noticed some deficiencies and related query on 76.05.16. Compiliance of the query is make process. No. Eliments of the proposal process. No. of the process of the query is make process. No. of the query is make process. No. of the query is make process of the	Stage IC for diversion of 77.49 in including 2.652 in of early once drag with the next year working permission had been present by MoSF Cor on 100.2001; Stage-1 Compliance theograph of the resonant of the permission of the contract of the permission of the contract of the permission of the contract of the permission	Stago-B FC granted by ModFACC on 06.03.2013.		Stage-1FC was gramed by MoEF&CC on 24.02.99, MoEFC&CC vide letter dated 24.07.17 issued amended Stage-1FC order, Further, 238.093ha was identified at Sabit Forest Granted EC on 21.12.12 for production of 15000 TPA Mangamese Ore. CTO for within the lease & diversion proposal for the said insention submitted online on 21.06.2016. The proposal was forwarded to MoEFCC on 19.08.16. Site inspection was handling of 10 MTPA from ore furnize and 15000 TPA from ore granted by MoEFCC on 12.01.2017 to State Govt & communicated to all concerned incuding SAIL on 21.01.2017 for further information asked by SSPCB on 23.03.17 for a period upto 31.03.18. MoEFCC on 12.01.2017 to State Govt & communicated to all concerned incuding SAIL on 21.01.2017 for further compliance. The compliance report was and submitted to DPG. Keonjhar on 31.03.2017. Submitted online on 07.04.17 and subsequently report was forwarded to Add. PCCF (EC & NO) on 19.04.17 through DFO & RCF. State Govt. forwarded intentions on MoEFCC on 10.05.2017. During FAC meeting dated to S0.31.1, the amendment of Stage-1 FC was recommended wherein mended order it was forwarded in the further and the submitted of the subm	Stage-II FC granted by NoEIF&CC on 11/12/2012. MoEIF&C has also granted forest clearance for the remaining forest land covering 261-95 ha on 12.11.2014. Proposal for EC granted for production of 12 MTPA ROM and Installation of 12 MTPA additional 87.09 has stable FL. has been submitted to forest department on 17.02.2016 & forwarded to MoEIFCC on 30.05.2016 for grant of Stage-I FC of 87.09 has of Sable, FL, 16w. Pereficiation Plant & 4.MTPA Plette Plant on 21/12/2012. Consent to Operate for FAC meeting bed on 24.08.14 on and site inspection conducted by RO, MoEIFCC on 26.11.16 & report has been flowarded to MoEIFCC on 88.11.2016. Further information staked [12 MTPA capacity has been granted by OSPCB on 21.01.2017 to State Gost & communicated to all concerned incudding SAIL on 21.01.2017 for further compliance, DFO, Keonjhar raised EDS on 22.02.2017 31.03.2016. CTO renewed & Valid upto 31.03.2019. (for compliance DFO, Keonjhar vide letter dated 21.03.17 submitted the revised for CFC and a compliance on 2.00.17 submitted on 28.03.17 submitted the revised CA map & scheme for CA where me are an 169.72 has of degraded forest land to RCCF, Rourkets for final compliance report submitted online on 13.04.17 and subsequently report was forwarded to Principal Secy. (F&E Dept.) on 28.04.17 through DFO, RCCF, Addl. PCCF (FD & NO). State Gost forwarded the information to MoEFCC on 04.05.2017. FAC meeting held on 20.07.2017. MoEF&CC vide order dated 12.09.2017 granted Stage-I FC for 87.09 has Sabik forest land.	SAIL has filed Revision application with mining tribunal against State Govt's order of lapsing of lesse and rejection of lesse renewal application.	Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04,2005 and is co-terminus with current lease period.	Forestry clearance for the total broken area of 55.9 Ha was granted on 11.04.2005 and is co-terminus with current lease period.	granted by MoEFCC on 18,10,2010, Compliance CCF (Nodat) and subsequently forwarded to State formation sought by MoEF&CC on 18,99,206 formation sought by MoEF&CC on 18,99,206 formation sought by MoEF&CC on 18,99,206 formation of the Pool of the Po		PORTE OLIVANATORI SE TORINATORI DE SEGUE DE SEGU	THE ART IS NOT THE TOTAL OF THE PROPERTY OF TH
Non-working lease, Obtaining EC is under progress.	Non-working lesse. Proposal initiated for engagement of consultant for preparation of ELV ENP report.NYT has been issued on 26.05.17 for engaging a EIA consultant for preparation of EIA/ENP report for obtaining EIC. On scheduled date of tender opening date on 30.06.2017, adequate offers from EIA Accredited Consultants have received and presently techno-commercial evaluations of tenders are under process.	Ore Beneficiation Plant, Jigging Plant, Conveyors, part of the Tailing Pond located under this lease.	EC granted by MoEFCC vide letter dated 29th Oct 10. Amendment EC for MIL-130 lease of Baxua-Taldib: Kalta has been granted by MOEFCC on 30.03.2016 for redistribution of production form the mining blocks i.e. Baxua to 3.5 M/by rand Kalta to 2.05 M/by, keeping the total annual production capacity within the approved firnit of 8.05 M/by. Amendment of CTE in the with the amendment of EC granted by OSPCB on 05.11.16. Consent to Operate has been renewed on 22.03.2016 with validity upto 31.03.2017. Consent to Operate for the redistributed production was granted by OSPCB on 23.03.17 for the period upto 31.03.19.		irented EC on 21.12.12 for production of 15000 TPA Manganese Ore. CTO for audiling of 10 MTPA Iron ore lumps & fines and 15000 TPA Mtn ore granted by ISPCB on 23.03.17 for a period upto 31.03.18.	IC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA instruments of the Part of 21/12/2012. Consent to Operate for 2 MTPA capacity. Last been granted by OSPCB on 30.01.2015 & valid upto 1.03.2016. CTO renewed & Valid upto 31.03.2019.	No EC	Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III.	Ore Beneficiation Plant & loading facilities of Meghahatuburu tron Ore Mine are located in the lease-II.	EC granted by MoEFCC for 10 MTPA capacity on 27.12.2006. For enhanced capacity of 16 MTPA, The Project Proposal has been appraised successfully to EAC, MoEF, New Delhi on 27.11.2013. EC granted for 16 MTPA capacity on 23.02.014. NOC for 16 MTPA has been issued by SEGER on 25.03.2015. CTO pGR 16 MTPA capacity has been granted by JSPCB on 0.12.2015 for the period 01.01.2016 to 13.12.2016. Application for renewal of CTO for the period 01.01.2017 to 31.12.2019 submitted on 24.08.2016 & Renewal of CTO for 16 MTPA granted on 31.12.16 for the period 01.01.17 to 31.12.19.		ENTRONNENTAL CLIARANCE (IC)	

TÜLSIDANAR	LEASE	LEFT BANK	KUTESHWAR	GHATTTANGAR	PURNAPANI	SARAJYA	GILAGIBA	GORGAON	RUTHT ANAWASS		XVIIV	ŀ	
30,106	10.06.71	15.05.82		A 29.04.85	06.01.80	31.03.66	23.10.72	23,10,72	KUT	o,	GRANTED	+	
31.03.20	09.06.21	M.05.22		28 DM 00	31.03.20	31.03.20	31.03.20	31.03.20	-	П	D VALUE	1	
118.72	944.59	11.14 91.14	-	153.51	230.525	275	673.678	229.46	Н	Н	ARVA	†	
20,10 cs (2nd RML)	Š	×		16.04,99	30.12.98	01.03.07 (Jrd RML)	18.10.11 (2nd RML)	(2nd RM3L)	+	Н	RENEWAL.	†	
DFO, Garva vide his letter dated 09.10.2014 directed to submit the diversion proposal as per the modified guidelines including DGPS survey maps. Modification of Diversion EC granted in 24.03.1995. CTO for Air & Water for the year 2016-17 granted on Proposal is under progress. DFO, Garhwa vide letter dad 03.02.2016 instructed to submit FC proposal online. NPV paid for total forest land involved in the project on 31.03.2016, with validity upto 21.03.2017, parts v.e.f. 01.04.17 to 30.03.20, CTO for 10.03.200.17 for fine on 29.11.16 for further period of 3 years v.e.f. 00.41.7 to 30.03.20, CTO for 30.03.2016, for the period upto 31.03.200.7 M (Dolornite) has been reserved by JSPCB on 28.03.17 for the period upto 31.03.2016. Railway Stding CTO- CTO for Ry Stding has been granted by JSPCB on 19.12.2014 having validity upto 30.06.2015. Reserval of CTO granted on 04.07.17 with validity upto 30.06.18.	No forest land.	No forest land.		Matter of tesse is under highing.	No forest land involved	Fresh DP has been submitted to PCCF (Nodas) on 01.10.13. Proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to DFO on 22.10.13. DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal forwarded to STO on 22.10.13. DFO on 22.10.13. DFO on 22.10.13. DFO on 22.10. DFO on 22.10. DFO on 22.10. DFO on 22.10. DFO on 22.10. DFO on 22.	Fresh DP has been submitted to PCCF (Nodal) on 01.10.13. Proposal forwarded to DFO on 22.10.13.DFO, Garhwa vide letter did 03.02.2016 instructed to submit FC proposal formation.	Diversion Proposal for the forest land under the lease has been submitted on 29.08.2013. Forwarded to DFO on 19.09.2013.DFO, Garhwa vide letter did 03.02.2016 instructed by the submit FC proposal online.			FORESTRY CHARACTERS		STATES OF LEAST EXPRESS OF BAD MINES AND
Dis survey maps. Modification of Diversion [EC granted in 24.03.1995. CTO for Air & Water for the year 2016-17 granted on total forest land involved in the project on 31.03.2016 with validity upto 31.03.2017.Application for renewal of CTO submitted ordine on 29.11.16 for further period of 3 years w.e.f 01.04.17 to 30.02.0. CTO for production capacity of 25000 TPM (Dolomite) has been renewed by JSPCB on 28.03.17 for the period upto 31.03.2020. Railways Solding CTO- CTO for Rby Siding has been granted by JSPCB on 19.12.2014 having validity upto 30.06.2015. Renewal of CTO granted on 04.07.17 with validity upto 30.06.18.	EC granted by MoEFCC vide letter no. J-11015449/2012-IA-JI(N) dated 02.09/2015.CTE granted on 31.12.2015 for 2.32 MTPA expression. CTO for 2.32 MTPA expression granted by MPPCB on 2.302.2016 with validity upto 31.01.17. Further, CTO renewed by MPPCB on 27.01.17 for the period upto 31.01.18.	EC granted by MoEFECC vide letter no. J-11015/459/2012-IA-II(N). dated 17.08.2015.CTE application for 0.06 MTPA production submitted on 06.01.2016. CTE for 0.06 MTPA production granted on 10.09.16 with validity upto 31.07.17.		Non-working lease. No EC	Non-working lease, No EC	03.02.2016 instructed to submit FC proposal May, 2015. Analysis of the data and preparation of draft EIA are under progress.	03.02.2016 instructed to submit FC proposal MoEFeC letter no. J-11015/15201-1-All (M) dated 12.12.2014 & Gorgson - MoEFe CC letter no. J-11015/152013-1-All (M) dated 12.12.2014. Baseline line data generation for EIA study for the three leases has been generated during March, 2015 to	Garhwa vide letter did 03.02.2016 instructed MoEFCC, New Delhi has been approved the TORs of three leases viz. Gingirn. Gorgaon & Starsja elease of Bhannanishpur as per the following approval details: Ghagirn - MoEF CC letter no. J-11015/16/2013-JA.II (h/) dated 10.12.2014 Saraya-			ENTRON, CLEARANCKOCO	Starting as on Sept 7017	

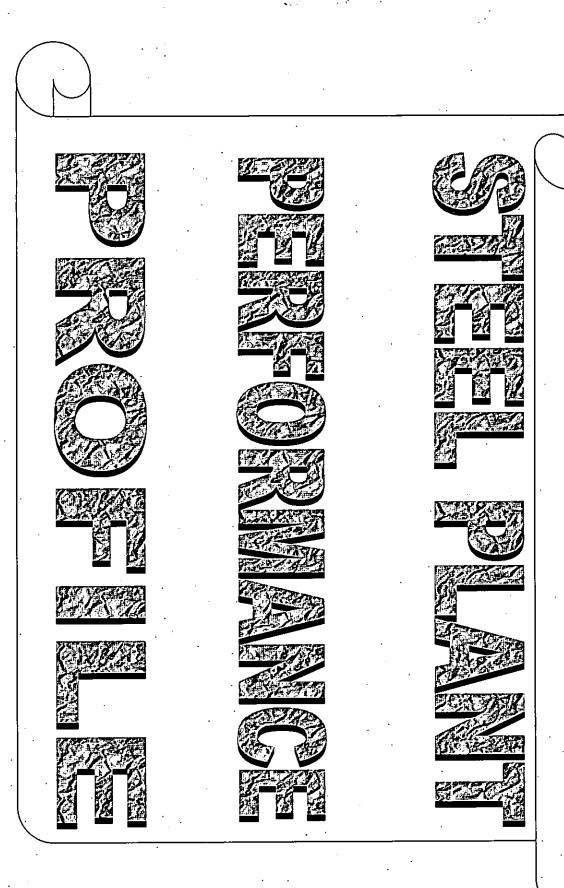
Ankua	Taniburu	Dhobil	Sukri	Ajitaburu	Budh (McL	Topailore	<u> </u>	Milin	Durgaiburu	NIN.	I
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14.06,82				07.12.47	08.12.45 3	09.03.70	12.05.50 3	12,05,50	22.02.49 2	ON CRANTED	
31.03.20 67.178	31.08.79 3	07.03.18 513.036	21.03.79 6	06.12.77 323.887	31.03.20 823.617	31.03.20 14.15	31.03.20 30.43	11.05.80 2		UZTO OFFI	
1								210.526 2 () R	1443.76 08.02.08 (2nd RML.)	(BB)	
18,06.11 (2md RMIL)	24,08,08 (2nd RML)	06.03.97 (2nd RML)	RMI) 11.03.08 (2nd RML)	04,12,06 (2nd	16,11,04 (2nd RML)	04.03.99	03.03.09 (2nd RML)	25,04,09 (2nd RML)		APPLOATE	
Virgin & Non-working lease No FC	Virgin & Non-working lease, No FC	Forestry clearance exist upto 2018. 2.14 in the contract of		· · · · · · · · · · · · · · · · · · ·	Stage 1 FC granted by MoEFCC vide order no. 8-30/2009-FC dated 7th Mitch 2011. Compliance of Stage-1 FC forwarded to State govt. on 36.12.13.Letter regarding EC has been granted by MoEF&CC vide letter no. 1-11015/219/2009-IA.II (M) dated condition no 17.18.19.20 & 21 of Stage-1 FC issued by Special Secretary (F&E) to PCCF, Iharkhand on 24.03.2014. Reply submitted on 21.05.2014. Proposal forwarded to 23.03.2011 for enhancement of production capacity to 4.2 MTPA.CTE granted by RCCF, Junchedpur on 06.06.2014 by CF, Chabasa. Subsequently proposal forwarded to PCCF (Notal), Junchedpur on 07.00.12, PCCF sem the JSPCB on 25.01.2014 with validity of 6 membris. i.e. upto 24.07.2016. The validity of information to Principal Secretary. (F&E) on 12.07.2014. Size Cost. forwarded the proposal to MoEF&C on 22.09.2014. MoEF&CC, New Delhi vide letter dated 21.04.2015 CTE has been estimated at ill 24.07.17 by JSPCB. Further, validity of CTE extended by requested Regional Office, MoEF&CC, BBSR inspected the mines during 25 - 26, June, 2015. Inspection report was sent to MoEF&CC, New Delhi on 24th July 15. MoEF&CC on 08.09.2015 and subsequently request letter sent on 15.09.2015 to grant Stage - 2 FC keeping in view of the proposed expansion of the mines.	Stage-I FC granted by MoEF on 30.08.13. Stage-I FC compliance submitted to DFO, Saranda on 05.03.2016 and was forwarded to RO, MoEFCC, Ranchi on 03.11.16 for grant EC of Stage-II FC.	Stage-I FC granted by MoEF on 29.01.2013. Stage I FC Compliance Report submitted to DFO, Chalbass on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi on TOR for EIA Study for production of 20.820 TPA Mn ore was issued BY MoEF on 21.10.16 for grant of Stage-II FC, RO, MoEFCC saked to Principal Sey to GoJ on 28.11.16 for providing correct geo-referenced map of the forest land proposed for view for providing the same. The compliance of the property of a submitted. The proposal for warded to PCCF, Roberts on 15.05.17 through CF & RCCF, PCCF (Nodal) of FH to MoEF on 07.04.2014, MoEFCC vide letter dated 08.99.2015 extended validity forwarded the proposal to PCCF, Ranchi on 12.06.17.PCCF (Ranchi) forwarded the proposal to State Govt, on 20.06.17 and State Govt, forwarded to MoEFECC. Ranchi on 12.06.17.PCCF (Ranchi) forwarded the proposal to State Govt, on 20.06.17 and State Govt, forwarded to MoEFECC. Ranchi on 12.07.2016 and transferred the proposal to MoEFECC on 12.07.16 for grant of EC. The propest will be considered for appraisal. Principles will be considered for appraisal with correct developed on the continuation by EAC only a fifter decision on Carrying Capacity, Study for Surmda Forest, which is pending at MoEFECC and 10.07.2017 for the proposal was accepted on the continuation by EAC, that does not continue to the proposal on the p	FAC, MoEF has recommended for stage-I FC subjected to submission of DGPS Map of lease and Compensatory Afforestation Land vide letter no. F.No.8-75/1998-FC.(vol-I). To di. 08 03.13. DGPS Map and CA land have been submitted to DFO, Saranda on 29 04.13. Depairy Secretary (F&E) sent a tetter on 27.01.2014 to PCCF regarding present states be of mining & land use plan of the leasehold. Desired information has been submitted to PCCF (Notal) on 12.03.2014 with a copy to Join Secretary, Ora of Inarchhand. Dr. Proposal forwarded by Principal Secretary (F&E) to MoEF on 22.09.2014. The proposal was again considered by the Special meeting of the FAC on the proposals related to Mt. Plankhand arisen as a result of Carrying Capacity carried out by ICFRE held on 11.08.2017. MoEF&CC vide order dated 25.09.2017 granted Stage-I FC for 210.526 ha forest land. Samdard & specific conditions. The minutes of the meeting was issued on 17.08.2017. MoEF&CC vide order dated 25.09.2017 granted Stage-I FC for 210.526 ha forest land. With the proposal stage of the meeting was issued on 17.08.2017. MoEF&CC vide order dated 25.09.2017 granted Stage-I FC for 210.526 ha forest land. With the proposal stage is the proposal was specific conditions. The minutes of the meeting was issued on 17.08.2017. MoEF&CC vide order dated 25.09.2017 granted Stage-I FC for 210.526 ha forest land. With the proposal specific conditions of the meeting was issued on 17.08.2017. MoEF&CC vide order dated 25.09.2017 granted Stage-I FC for 210.526 ha forest land. With the proposal specific conditions of the meeting was issued on 17.08.2017. MoEF&CC vide order dated 25.09.2017 granted Stage-I FC for 210.526 ha forest land. With the proposal specific conditions of the meeting was issued on 17.08.2017. MoEF&CC vide order dated 25.09.2017 granted Stage-I FC for 210.526 ha forest land. With the proposal specific conditions of the meeting was included to the proposal specific conditions.	Stage-II FC for existing broken area of 274.691 ha has been granted by MoEF on 22.08.2014, Stage - I FC granted for 361.295 ha on 04.03.2014 in addition to 274.691 ha [EC Stage - I compliance report has been submitted to DFO 02.06.2015. DGPS maps for all the II nos. CA tareas have been prepared and being authenticated by the respective SF DFO s State Gost, vide letter dated 30.07.2015 forwarded the State Force on the Stage - 2 FC. MoEFCC sought some information on 2.209.2018 a great part of the 11.0015 regarding for condition no. xv of Stage I order & presentation on Rectamation was presented there. Further, another meeting was conducted by State Forces Dept, at Ranchi on 16.11.2015 regarding for condition no. xv of Stage I order & presentation on Rectamation was presented there. Further, another meeting was conducted by PCCF, RCCF, DFO(Sameda) at Ranchi on get 27.11.2015 and discussed on status of compliance of Stage I & II FC conditions. Vide letter did 16.03.16, updated status on both the matters was communicated to AIG (FC). MoEFCC. The project was reviewed in the PMG meeting of Cobinet Secretaria on 20.03.2016, where MoEFCC informed that they are a waiting the report on Carying Capacity on Samuda Tajon before a final decision on the Stage-II FC of Gua. Presentation on R&R was made before IG (F), Forest Division, New Delhi on 22.06.16 & 08.07.16. Vide letter dated 31.03.16, AIG, Forest (FC) desired the information of individual mine of Samuda Division related to Carying Capacity Stage-II FC at Stage-II FC was held between Sey (MoEFCC) & Sey (MoS) on 02.12.16, wherein Chairman, SAIL & other Senior officers were also present. Secretary, MoS vide letter date 07.02.17 again requested Secretary, MoEFCC for kind intervention to expedite the pending Stage-II FC of Gua & other pending issues in the matter of FC.	Ch/kinyav/et/ Antshafi	
No EC	No EC	EC has been granted by MoEF vide letter no. 1-11013/2417 2009-IA-II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17. CTO renewed on 29.06.17 & viaid upto 07.03.18.CTO for Manoharpur siding renewed on 04.16.16 by JSPCB for the period upto 07.03.05.2021 for dispatch of 2.5 habs T/month of tron one.	EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA.JSPCB vide letter dated 29.05.17 extended the CTE validity upto 21.05.18.	EC has been granted by MoEF&CC vide letter no - J-11013/50/ 2007-IA.II (M) dated J. 103.2011 for ephaneement of production causely to 2.8 MTPA.	EC has been granted by MoEF&CC vide letter no - J-11018/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA.CTE granted by ISPCB on 25.01.2016 with validity of 6 months i.e. upto 24.07.2016. The validity of CTE has been extended till 24.07.17 by ISPCB. Further, validity of CTE extended by ISPCB on 04.08.2017 for a period upto 24.07.2018.	EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015. CTE for 0.6 MTPA production capacity granted by JSPCB on 19.09.16 with validity upto 6 months. Vide letter dated 06.03.16 a request was made to JSPCB for extension of CTE by one more year.	TOR for EIA Study for production of 20,820 TPA Mn ore was issued BY MoEF on 22nd July 12.EIA / EMP Report submitted to JSPCB for conducting Public Hearing (PH) on 09,10.2101, JPC conducting Public Hearing (PH) on 09,10.2101, JPC conducting of PH to MoEF on 0713, PH conducted on 31,0714, JSPCB forwarded the proceedings of PH to MoEF on 0713, 2014, ANDEFCC Vide letter dated 08,09.2015 extended validity of TOR upino 22,07.2016 and transferred the proposal to SEIIA, Hardband for upprised. Final EIA/EMP report along with other documents submitted to MoEFCC online on 12,07,16 for gran of EC. The project will be considered for appraisal by EAC only after decision on Carrying Capacity. Study for Suranda Forest, which is pending at MoEFCC. Proposal was accepted online on 10.07.2.2017 for examination by EAC. Hard copy of EIA/EMP reports submitted to MoEFCC on 10.20.17. The proposal was transferred to State Environmental Impact Austessment Authority (SEIAAA), Ranchi by MoEFCC on 04.08, 2017 for further consideration of the project.	6-1). To R has been granted by MoEF &CC on D4.03.2015. Baseline data for EIA study has tatus been generated during Oct to Dec. 2015. 10 mER EIA/EIAP report submitted to ISPCB on 31.08.16 for conducting Public Hearing, et to MS, ISPCB vide letter dated 22.09.16 has fixed the dated of PH on 12.11.16 and about informed to submit the draft EIA report to the concerned officials (as mentioned in the letter), PH held successfully on 12.11.16 and PH proceedings were forwarded MoEFCC on 30.11.16. Final EIA/EIAP report with incorporation of PH proceedings has been finalised and submitted online on 04.01,2012 roposal was accepted online on 10.02.2017 for examination by EAC. Hard copy of EIA/EIAP report submitted to MoEFCC on 31.02.17, MoEFCC vide latter did 03.04.17 informed that EC proposal with be considered after approval of Carrying Capacity study report by Competent, Authonity.	EC granted on 25.03.2013 by MoEF, JSPCB renewed Consent to Operate for 12.5 MTPA production on 11.05.2015 with validity upto 31.12.2015. Renewal of CTO granted on 04.01.2016 with validity upto 31.12.2016 Application for renewal of CTO granted period 01.01.17 to 311.12.20 submirted entities on 038.16. Renewal of CTO granted on 26.12.2016 for the period 01.01.2017 to 31.12.2020.	COPENANT CHANGELYS	

RMD	MANPOWER PO	RMD MANPOWER POSITION AS ON 01.10.2017	0.2017
	Executives	Non-Executives	Total
A. ORE MINES			المنافق المنافق المنافق المنافق المنافق المنافق المنافق المنافق المنافق المنافق المنافق المنافق المنافق المنافق
Kiriburu	94	566	660
Meghahatuburu	75	518	593
Bolani	93	441	534
Barsua	95	317	373
Kalta	16	59	75
Gua	89	546	614
Manoharpur(Chiria)	17	58	75
A.TOTAL	419	2505	2924
B. FLUX MINES			
Purnapani	_	10	11
Kuteshwar	22	125	147
BNP & TDMR	11	120	131
Satna	0	_	
B. TOTAL	34	256	290
C. OFFICES			
Kolkata	72	33	105
Rourkela	13	17	30
Bokaro	2	4	တ
Durgapur	1	4	5
Delhi	4	2	6
Bhubaneswar	1	4	5
Ranchi	3	1	4
Burnpur	0	1	_
MT	6	0	တ
C. TOTAL	102	66	168
GRAND			
TOTAL(A+B+C)	555	. 2827	3382
Manpower as on	•	•	
01.09.2017	561	2851	3412
Reduction(-) /	ı		
Increase(+)	-6	-24	-30

ACCIDENT STATISTICS

		6	* FROM PREVIOUS CASES	* FRO		
		RY'17	CUMMULATIVE FROM JANUARY'17	CUMMUL		
NIL	NIL	NIL	. NIL	NIL	NIL	PL & DQ
NIL	NIL .	NIL	NIL	NIL	NIL	KTR
NIL	NIL	NIF	NIL	NIL	NIL	TDMR
. NIL	NIL	NIL	NIL	NIL	N _E	BNP
NIL	NIL	NIL	NIL	NIL	NIL	MOM
NIL	NIL	NIL .	NIL	NIL	NIL	GOM
NiL	NIL .	NIL	NIL	NIL	NIL	KIM
NIL ,	NIL	NIL	NIL	NIL	NIL	BIM
8	NIL	1	NIL .	NIL	NIL	вом
NIL .	. NIL	NIL .	NIL	NIL	NIL	MOIM
NIL	NIL	NIL	NIL	NIL	NIL	KIOM
Cummulative	September'17	Cummulative	September'17	Cummulative	September'17	IVIIIALO
Y'S LOST	MANDAY'S LOST	REPORTABLE	REPOF	FATAL	FA:	

P-43 A



1200 | IRON ORE STOCK AT PLANTS | UNIT IN '000 TONNES 1013 | 800 | 600 | 600 | 706 | 858 | 776 | 200 | 204 | 165 | 132 | 111 | 46 | 32 | 154 | 186 | 120 | 100 | 50 | 851 | D5P | R5P | 15P | 85P | TOT

* BSP RECEIPT FROM RMD MINES

91.	_~	01.09.2017	MTH CI	CUM	MIH	CUM	VIX.	
┥	1						01.10.201.	
BSL 204		165	508	2857	. 588	3232	132	
DSP 11	111 .	46	315	1732	329	1855	32	
RSP 299		154	489	2604	512	2938	981	
ISP 120		100	225	1687	272	1670	50	
BSP 279		393	36	8Z	600	3186	376	
101 1013		858	1573	8967	2301	12881	776	

IRON ORE TOTAL

101	BSP	ISP	RSP P	DSP	BSL.	_	P A VT
696	179	ý]	229	46	151	01.04.2017	STK
382	84	55	108	33	102	01.09.2017	STX
1027	36	180	296	185	330	MTH	REC
5717	<u>8Z</u>	1275	1465	1061	1829	MUD	RECEIPTS
1593	401	212	372	201	407	MTH	CO
8554	2035	1315	1879	.1128	2197	MUD	CONS
252	58	16	89	17	72	01.10.2017	STK
-130	-26	-39	-19	-16	-30	HIW	SI+/
-444	-121	-75	-140	-29	-79	ΥR	+/-

IRON ORE FINES

207	48	524	4327	708	3250	546	476	317	101
218	9	318	1151	199			309	100	BSP
(5	-11	34	355	60	412	45	45	29	ISP
27	51	97	1059	140	1139	193	46	70	RSP
-50	2	15	727	128	671	130	13	65	DSP
7	-3	60	1035	181	1028	178	63	53	BSL
YR	MTH	01.10.2017	CUM	MTH	CUM	MTH	01.09.2017	01.04.2017 0	
*	ST+/	STK	CONS	C	RECEIPTS	REC	STX	STK	PIANT

UNIT:'000 TONNES

IRON ORE STOCK INVENTORY BEHAVIOUR
SEPTEMBER 2017
IRON ORE LUMP

PRODUCTION PERFORMANCE SEPTEMBER 2017

हॉट मेटल						UNIT 000 TONNES	ES	
मंग्रें -	FOR	FOR THE MONTH	HT		CUML FOR YR	YR	LAST	GRTH
2	TGT	ACT	%FF	TGT	ACT	$_{ m H}\%$	YR	%
बोकारो	359	361	101	2000	1889	94	1682	12
दूर्गापूर	192	202	105	1056	1070	101	1200	-11
राउरकेला	337	249	74	1979	1564	79	1398	. 12
बर्नपूर	175	186	106	1104	999	90	871	15
पूर्वी इस्पात संयंत्र	1063	998	94	6139	5522	06	. 5151	7
भिलाई	498	380	76	2730	2080	76	2563	-19
TATOT	1561	1378	88	8869	7602	98	7714	-1
सिन्तर						UNIT 000 TONNES	S	
भगन	FOR	FOR THE MONTH	HT		CUML FOR	R YR	LAST	GRTH
1	TGT	ACT ·	%FF	TGT	ACT	%FF	YR	%
बोकारो	421	469	111	2101	2711	129	2351	15
दूर्गापूर	267	269	101	1476	1489	101	1604	-7
राउरकेला	531	407	77	3171	2549	80	2438	5
बर्नपूर	267	282	106	1684	1606	95	1436	12
पूर्वी इस्पात संयंब	1486	1427	96	8432	8355	99	7829	7
भिलाई	723	573	79	4174	3116	75	3553	-12
TOTAL	2209	2000	· 91	12606	11471	91	11382	1

IRON ORE RECEIPTS FOR THE MONTH OF SEPTEMBER 2017

FIGS IN '000 T

					L	Lump Receipt	ipt				
	KBR	MBR	BOL	BAR	TAT	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	35	56	59	0	0	7	21	0	0	0	179
DSP	0	0	91	0	0	0	39	0	0	0	130
RSP	60	47	0	0	40	46	0	0	0	0	193
ISP	0	0	42	0	0	3	0	0	0	0	45
BSP	0	0	0	0	0	0	0	0	0	0	0
TOT	96	103	192	0	40	57	00	0	0	. 0	547

					Fi.	Fines Receipt	pt				
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	71	85	107	0	0	27	40	0	0	0	330
DSP	0	0	102	0	0	0	83	0	0	0	185
RSP	124	121	0	0	0	48	0	0	3	0	297
ISP	0	28	73	0	0	0	79	0	0	0	180
BSP	36	0	0	0	0	0	0	0	0	0	36
TOT	231	234	282	0	0	75	203	0	3	0	1028

Total Receipt BAR TAL KAL GUA PUR 0 0 34 62 0 0 0 0 122 0 0 40 94 0 0 0 0 0 3 79 0 0 0 0 0 0 0 0 0 40 132 263 0	Total Receipt TAL KAL GUA 0 34 62 0 0 122 40 94 0 0 3 79 0 0 0 40 132 263	Total Receipt TAL KAL GUA PUR 0 34 62 0 0 0 122 0 40 94 0 0 0 3 79 0 0 0 0 0 40 132 263 0
Total Receipt KAL GUA 34 62 0 122 94 0 3 79 0 0 132 263	Total Receipt KAL GUA PUR 34 62 0 0 122 0 94 0 0 3 79 0 0 0 0 132 263 0	Total Receipt KAL GUA PUR MPR 34 62 0 0 0 122 0 0 94 0 0 3 3 79 0 0 0 0 0 0 132 263 0 3
GUA 62 122 0 0 0	GUA PUR 62 0 122 0 0 0 0 0 0 0 0 0	GUA PUR MPR 62 0 0 122 0 0 0 0 79 0 0 0 0 263 0 3
PUR 0 0 0		MPR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	MPR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

IRON ORE RECEIPTS TILL THE MONTH OF SEPTEMBER 2017

	K R R	MBR	ROI	RAR	1 1	Lump Receipt	ו וה	FIGS IN '000 T	'000 T	⊒	3
	KBR	MBR	ВОТ	BAR	TAT	KAL	GUA	PUR	MPR	DRZ	7
BSL	215	281	344	0	0	49	97	0	42	0	
DSP	0	22	411	0	. 0	0	234	0	4	0	
RSP	407	264	0	0	191	265	0	0	12	0	
ISP	0	0	270	0	0	14	96	0	32	0	
BSP	0	0	0	0	0	0	0	0	0	0	
TOT	622	567	1025	0	191	328	427	0	90	0	

					E	Fines Receipt	pt			•	
	KBR	MBR	BOL	BAR	TAL	KAL	GUA	PUR	MPR	DRZ	TOT
BSL	523	550	428	0	0	84	229	0	15	0	1829
DSP	0	7	588	0	0	0	466	0	0	0	1061
RSP	743	521	0	0	0	180	0	0	21	0	1465
ISP	0	90	578	0	0	32	575	0	0	0	1275
BSP	87	0	0	0	0	0	0	0	0	0	. 87
TOT	1353	1168	1594	0	0	296	1270	0	36	0	5717

TOT	BSP	ISP	RSP	DSP	BSL		
1975	87	0	1150	0	738	KBR	
1735	0	90	785	29	831	MBR	
2619	0	848	0	999	772	BOL	
0	. 0	0	0	0	0	BAR	
191	0	0	191	0	0	TAL	${f T}$
624	0	46	445	0	133	KAL	Total Receipt
1697	0	671	0	700	326	GUA	pt
0	0	0	0	0	0	PUR	
126	0	32	33	4	57	MPR	
0	0	0	0	0	0	DRZ	
8967	87	1687	2604	1732	2857	TOT	

PRESENT BASE FREIGHT IN RS PER TONNE IN TRAIN LOAD CLASS

	BSI	BSL (BSCS)	DSP (DSEY)	DSEY)	RSP (RSP (HSPG)	IISCO (IISD)	(IISD)	BSP (I	BSP (BSPC)
IRON ORE	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT	DIST	FRT
180 CLASS to 165 CLASS	Km	01.04.15	K T	01.04.15	Km	01.04.15	Km	01.04.15	Km	01.04.15
KRBU(N/B) (FOS)	371	613.00	409	687.60	89	234.00	377	650.10	.541	·· 874.70
KRBU(O/B) (SOBK)	371	613.00	409	687.60	%	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
BARSUA (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
GUA (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	255	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		IIS	ISCO	В:	BSP
FLUX	DIST	FRT [DIST	FRT	DIST	FRI	DIST	FRT	DIST	FRT
160 CLASS to 145 CLASS	Ä	01.04.15	Š	01.04.15	ĸ	01.04.15	ĸ	01.04.15	Κm	01.04.15
BHAWANATHPUR (PSBS)	379	571.30	495	702.40	568	834.30	461	668.90	1013	1478.40
KHANABANJARI (KHBJ)	726	1029.60	830	1158.00	604	899.40	797	1093.70	512	768.60

Shortest Route	NINL (NINL (NINS)	PARADE	PARADEEP (PPTG) HALDIA (HLZ)	HALDI	δ (HLZ)	VISL (BDVT)	3DVT)
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
GUA (ISCG)	278.79	504.90	425.54	724.70	394.86	650.10	2199.00 3042.10	3042.10
BOLANI (BYFS)	286.08	504.90	432.83	724.70	402.15	687.60		
MBR (SSMK)								
KRBU(N/B) (FOS)	533.22	874.70	593.05	949.40	492.62	799.30	1884.00	1884.00 2844.40
KRBU(O/B) (SOBK)								
ROXY (HLSR)	502.90	874.70	562.77	949.40	462.30	761.10		
BARSUA (PBSB)	512.84	874.70	572.71	949.40	472.24	761.10		
MANOHARPUR (IISM)	18.114	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	444.26 724.70 504.13	504.13	874.70	403.76	687.60		