

January-2019

RMD Monthly Informatics



Screen at Zero Point
Gua Ore Mines

पीपीसी विभाग

रॉ मेटेरियल्स डिवीजन

भारतीय इस्पात प्राधिकरण

CONTENTS

| <u>SERIAL NO.</u> | <u>SUBJECT</u> | <u>PAGE NO.</u> |
|-------------------|----------------------------------------|-----------------|
| 1 | EXCERPT | 1 |
| 2 | IRON ORE MINES - PRODUCTION & DESPATCH | 2-3 |
| 3 | EXCAVATION | 4 |
| 4 | MONTHWISE PERFORMANCES | 5-7 |
| 5 | DESPATCH DISTRIBUTION | 8-13 |
| 6 | FLUX MINES OPERATION | 14-15 |
| 7 | QUALITY ANALYSED AT PLANT | 16-27 |
| 8 | EQUIPMENT AVAILABILITY & UTILISATION | 28-33 |
| 9 | TECHNO ECONOMIC PERFORMANCE | 34-38 |
| 10 | MINE LEASE RENEWAL | 39-41 |
| 11 | MANPOWER STATISTICS | 42 |
| 12 | ACCIDENT STATISTICS | 43-44 |
| 13 | CUSTOMER INTERFACE | 45-48 |
| 14 | FREIGHT | 49 |

Rake Despatch Performance

| MINES | FOR THE MONTH OF - Jan- 19 | | | | | 18-19 TILL THE MONTH OF Jan- 19 | | | | |
|-------------|----------------------------|-----|-----|---------|--------|---------------------------------|------|-----|---------|--------|
| | CBT | ACT | %FF | Jan- 18 | GRTH % | CBT | ACT | %FF | Jan- 18 | GRTH % |
| KIRIBURU | 120 | 86 | 72 | 97 | 11 | 1119 | 890 | 80 | 924 | 4 |
| MEGHATUBURU | 120 | 87 | 73 | 98 | 11 | 1149 | 841 | 73 | 824 | 2 |
| BOLANI | 155 | 127 | 82 | 148 | 14 | 1532 | 1310 | 86 | 1258 | 4 |
| BARSUA | 60 | 55 | 92 | | | 577 | 379 | 66 | | |
| TALDIH | 5 | | | 10 | 100 | 178 | 82 | 46 | 100 | 18 |
| KALTA | 50 | 43 | 86 | 27 | 59 | 461 | 371 | 80 | 324 | 15 |
| GUA | 100 | 90 | 90 | 93 | 3 | 940 | 887 | 94 | 842 | 5 |
| CHIRIA | 20 | 24 | 120 | 16 | 50 | 164 | 172 | 105 | 90 | 91 |
| RMD TOTAL | 630 | 512 | 81 | 489 | 5 | 6120 | 4932 | 81 | 4362 | 13 |

| PLANTS | COMM | FOR THE MONTH OF - Jan- 19 | | | | | 18-19 TILL THE MONTH OF Jan- 19 | | | | |
|------------|-------|----------------------------|-----|-----|---------|--------|---------------------------------|------|-----|---------|--------|
| | | CBT | ACT | %FF | Jan- 18 | GRTH % | CBT | ACT | %FF | Jan- 18 | GRTH % |
| BSL | LUMP | | 59 | | 59 | 1 | | 536 | | 488 | 10 |
| | FINES | | 94 | | 88 | 7 | | 948 | | 839 | 13 |
| | TOTAL | 180 | 153 | 85 | 147 | 4 | 1926 | 1484 | 77 | 1327 | 12 |
| DSP | LUMP | | 22 | | 25 | 12 | | 333 | | 269 | 24 |
| | FINES | | 49 | | 76 | 36 | | 662 | | 67 | 887 |
| | TOTAL | 105 | 71 | 68 | 101 | 30 | 1077 | 995 | 92 | 876 | 14 |
| RSP | LUMP | | 60 | | 42 | 43 | | 560 | | 490 | 14 |
| | FINES | | 99 | | 100 | 1 | | 921 | | 805 | 14 |
| | TOTAL | 170 | 159 | 94 | 142 | 12 | 1625 | 1481 | 91 | 1295 | 14 |
| ISP | LUMP | | 38 | | 29 | 31 | | 270 | | 219 | 23 |
| | FINES | | 90 | | 67 | 34 | | 684 | | 591 | 16 |
| | TOTAL | 145 | 128 | 88 | 96 | 33 | 1267 | 954 | 75 | 810 | 18 |
| BSP | LUMP | | | | | | | | | | |
| | FINES | | 1 | | 3 | 67 | | 18 | | 54 | 67 |
| | TOTAL | 30 | 1 | 3 | 3 | 67 | 225 | 18 | 8 | 54 | 67 |
| SAIL TOTAL | LUMP | | 179 | | 155 | 15 | | 1699 | | 1466 | 16 |
| | FINES | | 333 | | 334 | 0 | | 3233 | | 2356 | 37 |
| | TOTAL | 630 | 512 | 81 | 489 | 5 | 6120 | 4932 | 81 | 4362 | 13 |

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

January 2019

UNIT 000 TONNES

PRODUCTION

| MINE & RATED CAP | COMM. | PLAN | FOR MONTH | | | | GRTH % OVER LSTYR Jan 2018 | TILL THE MONTH | | | | CAP UTLN % |
|---------------------------|-------|---------|-----------|------|-----|---------------------|----------------------------------|----------------|-------|-----|---------|------------|
| | | 2018-19 | TGT | ACT | %FF | LAST YR Jan 2018 | | TGT | ACT | %FF | LAST YR | |
| KIRIBURU 5500 | L | 1300 | 120 | 84 | 70 | 96 | -12.5 | 1100 | 825 | 75 | 1043 | -20.9 |
| | F | 3000 | 270 | 222 | 82 | 233 | -4.7 | 2460 | 2420 | 98 | 2398 | 0.9 |
| | T | 4300 | 390 | 306 | 78 | 329 | -7.0 | 3560 | 3245 | 91 | 3440 | -5.7 |
| MEGHAHA TUBURU 5000 | L | 1150 | 95 | 84 | 88 | 112 | -25.4 | 965 | 850 | 88 | 974 | -12.7 |
| | F | 2750 | 265 | 262 | 99 | 265 | -1.2 | 2235 | 2163 | 97 | 2115 | 2.3 |
| | T | 3900 | 360 | 346 | 96 | 378 | -8.4 | 3200 | 3013 | 94 | 3089 | -2.5 |
| BOLANI 6500 | L | 2250 | 150 | 169 | 113 | 128 | 32.1 | 1850 | 1812 | 98 | 1666 | 8.8 |
| | F | 3950 | 280 | 252 | 90 | 274 | -8.2 | 3240 | 2677 | 83 | 2582 | 3.7 |
| | T | 6200 | 430 | 421 | 98 | 403 | 4.6 | 5090 | 4489 | 88 | 4248 | 5.7 |
| BARSUA 2500 | L | 680 | 70 | 56 | 80 | | | 550 | 447 | 81 | | |
| | F | 1370 | 180 | 119 | 66 | | | 1020 | 1023 | 100 | | |
| | T | 2050 | 250 | 176 | 70 | | | 1570 | 1470 | 94 | | 71 |
| TALDIH 1000 | L | 420 | 30 | | | 30 | -100.0 | 370 | 173 | 47 | 322 | -46.4 |
| | F | 480 | 55 | | | | | 375 | 105 | 28 | | |
| | T | 900 | 85 | | | 30 | -100.0 | 745 | 278 | 37 | 322 | -13.8 |
| KALTA 2500 | L | 1000 | 80 | 86 | 107 | 60 | 42.4 | 850 | 719 | 85 | 577 | 24.5 |
| | F | 1200 | 130 | 67 | 52 | 42 | 61.2 | 950 | 625 | 66 | 594 | 5.2 |
| | T | 2200 | 210 | 153 | 73 | 102 | 50.1 | 1800 | 1344 | 75 | 1172 | 14.7 |
| GUA 4000 | L | 1000 | 80 | 89 | 112 | 72 | 24.0 | 860 | 865 | 101 | 743 | 16.5 |
| | F | 3200 | 280 | 222 | 79 | 273 | -18.6 | 2680 | 2213 | 83 | 2538 | -12.8 |
| | T | 4200 | 360 | 311 | 87 | 345 | -9.7 | 3540 | 3079 | 87 | 3281 | -6.2 |
| MANOHAR - PUR 750 | L | 350 | 30 | 43 | 144 | 28 | 53.4 | 295 | 339 | 115 | 176 | 92.9 |
| | F | 400 | 40 | 37 | 93 | 26 | 44.8 | 325 | 283 | 87 | 153 | 84.7 |
| | T | 750 | 70 | 80 | 115 | 54 | 49.3 | 620 | 621 | 100 | 329 | 89.1 |
| TOTAL 27750 | L | 8150 | 655 | 612 | 93 | 527 | 16.2 | 6840 | 6030 | 88 | 5501 | 9.6 |
| | F | 16350 | 1500 | 1182 | 79 | 1113 | 6.2 | 13285 | 11509 | 87 | 10379 | 10.9 |
| | T | 24500 | 2155 | 1793 | 83 | 1639 | 9.4 | 20125 | 17539 | 87 | 15880 | 10.4 |
| | | | | | | | | | | | | 76 |

IRON ORE MINES OPERATIONS (FINISHED PRODUCT)

January 2019

UNIT 000 TONNES

| DESPATCHES | | | | | | | | | | | | | | | | |
|-------------------|-------|---------|---------------|------|-----|------------------------|-------------------------|----------------|-------|-----|------------|-------------------------|--------------------------|--------------|------------|--|
| MINE | COMM. | PLAN | FOR THE MONTH | | | | GRTH % OVER LSTYR | TILL THE MONTH | | | | GRTH % OVER LSTYR | STOCKS AT MINES AS ON | | | |
| | | 2018-19 | TGT | ACT | %FF | LAST YR Jan 2018 | | TGT | ACT | %FF | LAST YR | | YEAR BEGN. | MTH BEGN. | MTH END | |
| KIRIBURU | L | 1300 | 120 | 78 | 65 | 101 | -22.9 | 1100 | 831 | 76 | 1034 | -19.7 | 28 | 11 | 16 | |
| | F | 3000 | 230 | 234 | 102 | 251 | -6.9 | 2560 | 2390 | 93 | 2384 | 0.3 | 1021 | 1056 | 1044 | |
| | T | 4300 | 350 | 312 | 89 | 353 | -11.5 | 3660 | 3221 | 88 | 3418 | -5.8 | 1049 | 1067 | 1060 | |
| MEGHAHA TUBURU | L | 1150 | 90 | 98 | 109 | 134 | -26.6 | 990 | 836 | 84 | 952 | -12.2 | 101 | 127 | 79 | |
| | F | 2750 | 205 | 221 | 108 | 227 | -2.5 | 2400 | 2258 | 94 | 2124 | 6.3 | 552 | 397 | 439 | |
| | T | 3900 | 295 | 319 | 108 | 361 | -11.4 | 3390 | 3095 | 91 | 3076 | 0.6 | 653 | 524 | 518 | |
| BOLANI | L | 2250 | 150 | 176 | 117 | 142 | 23.9 | 1875 | 1822 | 97 | 1646 | 10.7 | 133 | 128 | 113 | |
| | F | 3950 | 305 | 260 | 85 | 367 | -29.0 | 3345 | 2781 | 83 | 2738 | 1.6 | 1522 | 1424 | 1413 | |
| | T | 6200 | 455 | 436 | 96 | 509 | -14.2 | 5220 | 4603 | 88 | 4384 | 5.0 | 1655 | 1552 | 1526 | |
| BARSUA | L | 680 | 75 | 67 | 89 | | | 530 | 449 | 85 | | | 15 | 23 | 13 | |
| | F | 1370 | 180 | 122 | 68 | | | 1020 | 839 | 82 | | | 194 | 268 | 266 | |
| | T | 2050 | 255 | 188 | 74 | | | 1550 | 1287 | 83 | | | 209 | 291 | 279 | |
| TALDIH | L | 420 | 30 | | | 33 | -100.0 | 370 | 176 | 47 | 329 | -46.7 | 9 | | | |
| | F | 480 | 55 | | | 33 | -100.0 | 375 | 103 | 28 | 329 | -15.3 | 9 | | | |
| | T | 900 | 85 | | | 33 | -100.0 | 745 | 279 | 37 | 1175 | 13.6 | 25 | 46 | 41 | |
| KALTA | L | 1000 | 80 | 84 | 105 | 55 | 52.6 | 850 | 718 | 84 | 571 | 25.7 | 12 | 15 | 20 | |
| | F | 1200 | 130 | 73 | 56 | 43 | 68.6 | 950 | 617 | 65 | 604 | 2.3 | 13 | 31 | 21 | |
| | T | 2200 | 210 | 157 | 75 | 98 | 59.7 | 1800 | 1335 | 74 | 1175 | 13.6 | 25 | 46 | 41 | |
| GUA | L | 1000 | 80 | 93 | 116 | 62 | 50.2 | 860 | 905 | 105 | 639 | 41.6 | 30 | 26 | 27 | |
| | F | 3200 | 280 | 191 | 68 | 246 | -22.3 | 2680 | 1974 | 74 | 2258 | -12.6 | 161 | 145 | 144 | |
| | T | 4200 | 360 | 284 | 79 | 308 | -7.7 | 3540 | 2880 | 81 | 2898 | -0.6 | 191 | 171 | 171 | |
| MANOHAR - PUR | L | 350 | 30 | 49 | 163 | 32 | 50.8 | 295 | 352 | 119 | 169 | 107.9 | | 5 | 2 | |
| | F | 400 | 40 | 36 | 89 | 26 | 36.3 | 325 | 284 | 87 | 140 | 102.3 | 5 | 2 | 4 | |
| | T | 750 | 70 | 85 | 121 | 59 | 44.3 | 620 | 635 | 102 | 309 | 105.4 | 5 | 7 | 6 | |
| TOTAL | L | 8150 | 655 | 645 | 98 | 559 | 15.3 | 6870 | 6088 | 89 | 5341 | 14.0 | 328 | 335 | 270 | |
| | F | 16350 | 1425 | 1137 | 80 | 1160 | -2.0 | 13655 | 11246 | 82 | 10248 | 9.7 | 3477 | 3323 | 3331 | |
| | T | 24500 | 2080 | 1782 | 86 | 1720 | 3.6 | 20525 | 17334 | 84 | 15589 | 11.2 | 3805 | 3658 | 3601 | |

IRON ORE MINES PERFORMANCE (ROM & DEVELOPMENT)

January 2019

UNIT 000 TE

| DEVELOPMENT | | | | | | | | |
|----------------------|-------------|-------------|-----------|--------------|-------------|-----------|-------------|-----------------|
| | FOR MONTH | | | TILL MONTH | | | LAST YR | GRTH % LSTYR |
| | TGT | ACT | %FF | TGT | ACT | %FF | | |
| KIRIBURU | 222 | 204 | 92 | 2031 | 1050 | 52 | 1918 | -45 |
| MEGHAHATUBURU | 490 | 282 | 57 | 3790 | 2408 | 64 | 3292 | -27 |
| BOLANI | 320 | 314 | 98 | 3556 | 2617 | 74 | 2719 | -4 |
| BARSUA | 110 | 45 | 41 | 930 | 293 | 32 | 83 | 253 |
| TALDIH | 30 | 0 | 0 | 240 | 65 | 27 | 177 | -63 |
| KALTA | 0 | 0 | | 0 | 0 | | 20 | -100 |
| GUA | 400 | 200 | 50 | 2820 | 1901 | 67 | 1335 | 42 |
| MANOHARPUR | 0 | 0 | | 0 | 1 | | 5 | -78 |
| TOTAL | 1572 | 1045 | 66 | 13367 | 8336 | 62 | 9548 | -12.7 |

| ROM | | | | | | | | |
|----------------------|-------------|-------------|-----------|--------------|--------------|-----------|--------------|----------|
| KIRIBURU | 390 | 306 | 78 | 3660 | 3245 | 89 | 3501 | -7 |
| MEGHAHATUBURU | 360 | 332 | 92 | 3480 | 3190 | 92 | 3330 | -4 |
| BOLANI | 465 | 406 | 87 | 5220 | 4515 | 86 | 4290 | 5 |
| BARSUA | 265 | 187 | 71 | 1765 | 1534 | 87 | 0 | |
| TALDIH | 85 | 0 | 0 | 745 | 443 | 59 | 809 | -45 |
| KALTA | 210 | 138 | 66 | 1800 | 1323 | 73 | 1168 | 13 |
| GUA | 360 | 311 | 87 | 3540 | 3079 | 87 | 3281 | -6 |
| MANOHARPUR | 70 | 80 | 115 | 620 | 621 | 100 | 329 | 89 |
| TOTAL | 2205 | 1761 | 80 | 20830 | 17949 | 86 | 16706 | 7 |

| TOTAL EXCAVATION | | | | | | | | |
|----------------------|-------------|-------------|-----------|--------------|--------------|-----------|--------------|----------|
| KIRIBURU | 612 | 510 | 83 | 5691 | 4295 | 75 | 5419 | -21 |
| MEGHAHATUBURU | 850 | 613 | 72 | 7270 | 5598 | 77 | 6622 | -15 |
| BOLANI | 785 | 719 | 92 | 8776 | 7132 | 81 | 7008 | 2 |
| BARSUA | 375 | 233 | 62 | 2695 | 1827 | 68 | 83 | 2099 |
| TALDIH | 115 | 0 | 0 | 985 | 508 | 52 | 986 | -48 |
| KALTA | 210 | 138 | 66 | 1800 | 1323 | 73 | 1187 | 11 |
| GUA | 760 | 511 | 67 | 6360 | 4980 | 78 | 4615 | 8 |
| MANOHARPUR | 70 | 80 | 115 | 620 | 622 | 100 | 333 | 87 |
| TOTAL | 3777 | 2805 | 74 | 34197 | 26285 | 77 | 26254 | 0 |

Performance against Last Year

Unit in Te

PREVIOUS YEAR EXCAVATION PERFORMANCE 2017-18

| | Kiriburu | | | Megahatuburu | | | Bolani | | | Barsua | | | Taldih | | | Kalta | | | Gua | | | Manoharpur | | | RMD TOTAL | | |
|--------|----------|---------|---------|--------------|---------|---------|---------|---------|---------|---------|-----|-------|---------|--------|--------|---------|---------|-------|---------|---------|---------|------------|--------|------|-----------|----------|---------|
| | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB |
| Apr-17 | 566550 | 319590 | 246960 | 573770 | 133020 | 440750 | 581486 | 408757 | 172729 | 0 | 0 | 0 | 78111 | 53811 | 24300 | 125300 | 125300 | 0 | 436700 | 320600 | 116100 | 48679 | 48679 | 0 | 2410596 | 1409757 | 1000839 |
| May-17 | 488520 | 318330 | 170190 | 547990 | 260190 | 287800 | 594504 | 458911 | 135593 | 4365 | 0 | 4365 | 140403 | 102558 | 37845 | 108247 | 108247 | 0 | 430265 | 315200 | 115065 | 49712 | 49712 | 0 | 2364006 | 1613148 | 750858 |
| Jun-17 | 504310 | 370440 | 133870 | 644460 | 336060 | 308400 | 710439 | 397643 | 312796 | 945 | 0 | 945 | 112428 | 70353 | 42075 | 87500 | 87500 | 0 | 427628 | 333000 | 94628 | 31287 | 31287 | 0 | 2518997 | 1626283 | 892714 |
| Jul-17 | 395010 | 344160 | 50850 | 630510 | 323010 | 307500 | 779891 | 354928 | 424963 | 0 | 0 | 0 | 84063 | 62328 | 21735 | 74600 | 74600 | 0 | 410665 | 323300 | 87365 | 0 | 0 | 0 | 2374739 | 1482326 | 892413 |
| Aug-17 | 487860 | 403920 | 83940 | 747990 | 315970 | 432000 | 560903 | 430152 | 130751 | 1620 | 0 | 1620 | 78949 | 73819 | 5130 | 96353 | 96353 | 0 | 452670 | 315600 | 137070 | 0 | 0 | 0 | 2426345 | 1635834 | 790511 |
| Sep-17 | 557660 | 364050 | 193610 | 645350 | 409950 | 235400 | 675522 | 432019 | 243503 | 0 | 0 | 0 | 113315 | 101480 | 11835 | 100760 | 100760 | 0 | 445325 | 295700 | 149625 | 4589 | 4589 | 0 | 2542521 | 1708548 | 833973 |
| Oct-17 | 677616 | 401670 | 275946 | 719770 | 395370 | 324400 | 779895 | 453030 | 326865 | 13140 | 0 | 13140 | 102669 | 91239 | 11430 | 163300 | 163300 | 0 | 508510 | 354100 | 154410 | 42905 | 42905 | 0 | 3007805 | 1901614 | 1106191 |
| Nov-17 | 587790 | 311670 | 276120 | 734660 | 399060 | 335600 | 785467 | 443610 | 341857 | 23895 | 0 | 23895 | 103890 | 90300 | 13590 | 169150 | 149600 | 19550 | 514255 | 346000 | 168255 | 42202 | 42202 | 0 | 2961309 | 1782442 | 1178867 |
| Dec-17 | 653820 | 339480 | 314340 | 707890 | 396390 | 311500 | 709014 | 518709 | 190305 | 29445 | 0 | 29445 | 98548 | 89548 | 9000 | 145600 | 145600 | 0 | 504435 | 332400 | 172035 | 55295 | 55295 | 0 | 2904047 | 1877422 | 1026625 |
| Jan-18 | 500030 | 327420 | 172610 | 669220 | 360720 | 308500 | 831205 | 391986 | 439219 | 9675 | 0 | 9675 | 73879 | 73879 | 0 | 116300 | 116300 | 0 | 484750 | 344800 | 139950 | 58759 | 53902 | 4857 | 2743818 | 1669007 | 1074811 |
| Total | 5419166 | 3500730 | 1918436 | 6621610 | 3329760 | 3291850 | 7008326 | 4289745 | 2718581 | 83085 | 0 | 83085 | 986255 | 809315 | 176940 | 1187110 | 1187560 | 19550 | 4615203 | 3280700 | 1334503 | 333428 | 328571 | 4857 | 26254183 | 16706381 | 9547802 |

THIS YEAR EXCAVATION PERFORMANCE 2018-19

| | Kiriburu | | | Megahatuburu | | | Bolani | | | Barsua | | | Taldih | | | Kalta | | | Gua | | | Manoharpur | | | RMD TOTAL | | |
|--------|----------|---------|---------|--------------|---------|---------|---------|---------|---------|---------|---------|--------|---------|--------|--------|---------|---------|--------|---------|---------|---------|------------|--------|---------|-----------|----------|---------|
| | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB | TOT EXC | ROM | OB |
| Apr-18 | 414550 | 277830 | 136720 | 579990 | 299790 | 280200 | 693432 | 308108 | 385324 | 2365 | 0 | 2365 | 121796 | 98306 | 23490 | 141140 | 141140 | 0 | 532303 | 341000 | 191303 | 18700 | 18700 | 0 | 2504276 | 1484874 | 1019402 |
| May-18 | 464760 | 365490 | 99270 | 660790 | 297090 | 363700 | 697182 | 468363 | 228819 | 109405 | 88915 | 20490 | 111636 | 89676 | 21960 | 144020 | 144020 | 0 | 571268 | 341100 | 230168 | 70140 | 70140 | 0 | 2829201 | 1864794 | 964407 |
| Jun-18 | 538824 | 346680 | 192144 | 595770 | 262170 | 333600 | 705132 | 485008 | 220124 | 197559 | 181049 | 16510 | 94690 | 79030 | 15660 | 117100 | 117100 | 0 | 431453 | 325310 | 106143 | 65968 | 64914 | 1054 | 2746496 | 1861261 | 885235 |
| Jul-18 | 343980 | 310230 | 33750 | 489910 | 315810 | 174100 | 605878 | 449568 | 156310 | 157025 | 141235 | 15790 | 75485 | 71255 | 4230 | 89100 | 89100 | 0 | 486783 | 322650 | 164133 | 46439 | 46439 | 0 | 2294600 | 1746287 | 548313 |
| Aug-18 | 346140 | 314280 | 31860 | 606930 | 358830 | 248100 | 706618 | 424818 | 281800 | 190450 | 155765 | 34685 | 60770 | 60770 | 0 | 127600 | 127600 | 0 | 490050 | 300060 | 189990 | 50834 | 50834 | 0 | 2579392 | 1792957 | 786435 |
| Sep-18 | 373230 | 285570 | 87660 | 471450 | 298350 | 173100 | 649401 | 453150 | 196251 | 203212 | 177207 | 26005 | 21547 | 0 | 108600 | 108600 | 0 | 487898 | 302090 | 185808 | 55376 | 55376 | 0 | 2370714 | 1701890 | 668824 | |
| Oct-18 | 418500 | 350550 | 67950 | 523280 | 378180 | 145100 | 786217 | 521929 | 264288 | 247501 | 211921 | 35580 | 22324 | 22324 | 0 | 142200 | 142200 | 0 | 485099 | 294520 | 190579 | 67291 | 67291 | 0 | 2624212 | 1988915 | 703497 |
| Nov-18 | 441720 | 360270 | 81450 | 492930 | 336330 | 156600 | 761408 | 499367 | 262041 | 247874 | 201574 | 46300 | 0 | 0 | 0 | 150700 | 150700 | 0 | 487353 | 229860 | 257493 | 76423 | 76423 | 0 | 2658408 | 1854524 | 803884 |
| Dec-18 | 443200 | 327960 | 115240 | 564210 | 312210 | 252000 | 806853 | 498720 | 308133 | 238931 | 188861 | 50070 | 0 | 0 | 0 | 164300 | 164300 | 0 | 496305 | 310590 | 185715 | 90699 | 90699 | 0 | 2804498 | 1893340 | 911158 |
| Jan-19 | 510090 | 305910 | 204180 | 613150 | 331650 | 281500 | 719382 | 405729 | 313653 | 232940 | 187484 | 45456 | 0 | 0 | 0 | 137900 | 137900 | 0 | 511350 | 311400 | 199950 | 80464 | 80464 | 0 | 2805276 | 1760537 | 1044739 |
| Total | 4294994 | 3244770 | 1050224 | 5598410 | 3190410 | 2408000 | 7131503 | 4514760 | 2616743 | 1827262 | 1534011 | 293251 | 508248 | 442908 | 65340 | 1322660 | 1322660 | 0 | 4979862 | 3078580 | 1901282 | 622334 | 621280 | 1054 | 26285274 | 17949379 | 8335894 |

Change Over Last Year

| DIFF | -1124172 | -255960 | -868212 | -1023200 | -139350 | -883850 | 123177 | 225015 | -101838 | 1744177 | 1534011 | 210166 | -478007 | -366407 | -111600 | 135550 | 155100 | -19550 | 384659 | -202120 | 566779 | 288906 | 292709 | -3803 | 31091 | 1242998 | -1211908 |
|------|----------|---------|---------|----------|---------|---------|--------|--------|---------|---------|---------|--------|---------|---------|---------|--------|--------|--------|--------|---------|--------|--------|--------|-------|-------|---------|----------|
| %Chg | -20.7 | -7.3 | -45.3 | -15.5 | -4.2 | -26.8 | 1.8 | 5.2 | -3.7 | 2099.3 | - | 253.0 | -48.5 | -45.3 | -63.1 | 11.4 | 13.3 | -100.0 | 7.9 | -6.2 | 42.5 | 86.6 | 89.1 | -78.3 | 0.1 | 7.4 | -12.7 |

Performance against Last Year

Unit in Te

| PREVIOUS YEAR PRODUCTION PERFORMANCE 2017-18 | | | | | | | | | | | | | | | | | | | Gua | | | Manoharpur | | | RMD TOTAL | | | |
|----------------------------------------------|----------|---------|---------|--------------|---------|---------|---------|---------|---------|--------|--------|--------|--------|---------|--------|---------|---------|--------|--------|--------|---------|------------|----------|--------|-----------|-------|-----|--|
| | Kiriburu | | | Megahatuburu | | | Bolani | | | Barsua | | | Taldih | | | Kalta | | | Gua | | | Manoharpur | | | RMD TOTAL | | | |
| | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | |
| Apr-17 | 98217 | 221373 | 319590 | 42314 | 135337 | 177651 | 150393 | 254749 | 405142 | 21394 | 21394 | 57208 | 58563 | 115771 | 92928 | 227672 | 320600 | 30625 | 18054 | 48679 | 493079 | 915748 | 1408827 | | | | | |
| May-17 | 106745 | 211585 | 318330 | 70752 | 177349 | 248101 | 174492 | 280029 | 454521 | 41093 | 41093 | 55660 | 54424 | 110084 | 91253 | 223947 | 315200 | 30522 | 19190 | 49712 | 570517 | 966524 | 1537041 | | | | | |
| Jun-17 | 100070 | 270370 | 370440 | 82706 | 232536 | 315242 | 157170 | 242913 | 400083 | 26726 | 26726 | 41059 | 31414 | 72473 | 80324 | 252676 | 333000 | 30594 | 742 | 31336 | 518649 | 1030651 | 1549300 | | | | | |
| Jul-17 | 94020 | 250140 | 344160 | 92232 | 168657 | 260889 | 121037 | 192991 | 314028 | 24980 | 24980 | 51291 | 18756 | 70047 | 70132 | 253168 | 323300 | | | | 453692 | 883712 | 1337404 | | | | | |
| Aug-17 | 125088 | 245729 | 370817 | 116632 | 147047 | 263679 | 184599 | 261823 | 446422 | 29533 | 29533 | 52147 | 44206 | 96353 | 61660 | 253940 | 315600 | | | | 569659 | 952745 | 1522404 | | | | | |
| Sep-17 | 112140 | 244026 | 356166 | 118839 | 191549 | 310388 | 180000 | 236999 | 416999 | 40592 | 40592 | 54105 | 78703 | 132808 | 66780 | 228920 | 295700 | | | | 4589 | 4589 | 572456 | 984786 | 1557242 | | | |
| Oct-17 | 115199 | 275648 | 390847 | 122139 | 228941 | 351080 | 204036 | 242119 | 446155 | 36485 | 36485 | 55615 | 171138 | 172753 | 74039 | 280061 | 354100 | 14515 | 28390 | 42905 | 622028 | 1172297 | 1794325 | | | | | |
| Nov-17 | 90875 | 210860 | 301735 | 110426 | 280670 | 391096 | 176783 | 263777 | 440560 | 36114 | 36114 | 67163 | 75554 | 142717 | 67453 | 278547 | 346000 | 11710 | 30492 | 42202 | 560524 | 1139900 | 1700424 | | | | | |
| Dec-17 | 104247 | 235233 | 339480 | 105444 | 287562 | 393006 | 189386 | 331703 | 521089 | 35814 | 35814 | 83024 | 73857 | 156881 | 66170 | 266230 | 332400 | 29351 | 25944 | 55295 | 613436 | 1220529 | 1833965 | | | | | |
| Jan-18 | 96027 | 232793 | 328820 | 112493 | 265295 | 377788 | 128186 | 274420 | 402606 | 29552 | 29552 | 60155 | 41565 | 101720 | 72020 | 272780 | 344800 | 28223 | 25679 | 53902 | 526656 | 1112532 | 1639188 | | | | | |
| Total | 1042628 | 2397757 | 3440385 | 973977 | 2114943 | 3088920 | 1666082 | 2581523 | 4247605 | 322283 | 322283 | 577427 | 594180 | 1171607 | 742759 | 2537941 | 3280700 | 175540 | 153080 | 328620 | 5500896 | 10379424 | 15880120 | | | | | |

THIS YEAR PRODUCTION PERFORMANCE 2018-19

| | Kiriburu | | | Megahatuburu | | | Bolani | | | Barsua | | | Taldih | | | Kalta | | | Gua | | | Manoharpur | | | RMD TOTAL | | |
|--------|----------|---------|---------|--------------|---------|---------|---------|---------|---------|--------|---------|---------|--------|--------|--------|--------|--------|---------|--------|---------|---------|------------|---------|--------|-----------|---------|----------|
| | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT |
| Apr-18 | 73813 | 204017 | 277830 | 82542 | 217606 | 300148 | 93647 | 217222 | 310869 | 39333 | 29869 | 69202 | 79217 | 88549 | 167766 | 92820 | 248180 | 341000 | 18700 | 18700 | 480072 | 1005443 | 1485515 | | | | |
| May-18 | 83313 | 282177 | 365490 | 86157 | 217474 | 303631 | 184358 | 276615 | 460973 | 23342 | 65573 | 88915 | 35870 | 35918 | 71788 | 74843 | 71871 | 146714 | 94338 | 246762 | 341100 | 44310 | 25830 | 70140 | 626531 | 122220 | 1848751 |
| Jun-18 | 75868 | 270812 | 346680 | 68442 | 235470 | 304112 | 185256 | 292582 | 477838 | 50900 | 129999 | 180899 | 31623 | 13503 | 45126 | 61887 | 45438 | 107325 | 94500 | 230810 | 325310 | 33310 | 31604 | 64914 | 601986 | 1250218 | 1852204 |
| Jul-18 | 86553 | 223677 | 310230 | 86047 | 135257 | 221304 | 193161 | 251857 | 445018 | 46105 | 85412 | 131517 | 28502 | 15190 | 43692 | 48711 | 16190 | 64901 | 96275 | 226375 | 322650 | 18981 | 27458 | 46439 | 604335 | 981416 | 1585751 |
| Aug-18 | 90540 | 223740 | 314280 | 137381 | 135108 | 272489 | 188120 | 219138 | 407258 | 47165 | 99358 | 146523 | 24308 | 664 | 24972 | 78855 | 52463 | 131318 | 84805 | 215255 | 300060 | 31619 | 19215 | 50834 | 682793 | 964941 | 1647734 |
| Sep-18 | 78941 | 206629 | 285570 | 80208 | 173058 | 253266 | 169437 | 269053 | 438490 | 50684 | 120045 | 170729 | 64644 | 10116 | 16580 | 62818 | 44316 | 107134 | 81045 | 221045 | 302090 | 35682 | 19694 | 55376 | 565279 | 1063956 | 1629235 |
| Oct-18 | 85742 | 264808 | 350550 | 90090 | 270372 | 360462 | 217696 | 286553 | 504249 | 55820 | 148752 | 204572 | 6697 | 6697 | 74938 | 76859 | 151797 | 79019 | 215501 | 294520 | 31869 | 35426 | 67295 | 441871 | 1298271 | 1940142 | |
| Nov-18 | 77609 | 282661 | 360270 | 78050 | 248001 | 326051 | 197315 | 302994 | 500309 | 59480 | 132533 | 192013 | | | 73715 | 80549 | 154264 | 64574 | 145286 | 229860 | 38186 | 38237 | 76423 | 588729 | 1250261 | 1839190 | |
| Dec-18 | 88627 | 239333 | 327960 | 56850 | 268455 | 325305 | 214101 | 309079 | 52180 | 57138 | 121680 | 178818 | | | 78390 | 81905 | 160295 | 88456 | 222134 | 310590 | 42698 | 48001 | 90699 | 626260 | 1290587 | 1916847 | |
| Jan-19 | 84028 | 221882 | 305910 | 83966 | 262153 | 346119 | 169291 | 252008 | 421299 | 56244 | 119359 | 175603 | | | 85644 | 67001 | 152645 | 89270 | 222130 | 311400 | 43292 | 37172 | 80464 | 611735 | 1181705 | 1793440 | |
| Total | 825034 | 2419736 | 3244770 | 849933 | 2162954 | 3012887 | 1812382 | 2677101 | 4489483 | 446878 | 1022711 | 1469589 | 172797 | 105260 | 278057 | 719017 | 625141 | 1344158 | 865102 | 2213478 | 3078580 | 338647 | 282637 | 621284 | 6029791 | 1150918 | 17538809 |

Change Over Last Year

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---------|-------|---------|---------|-------|--------|--------|-------|--------|--------|---------|---------|---------|--------|--------|--------|-------|--------|--------|---------|---------|--------|--------|--------|--------|---------|---------|
| DIFF | -217594 | 21979 | -195615 | -124044 | 48011 | -76033 | 146300 | 95578 | 241878 | 446878 | 1022711 | 1469589 | -149486 | 105260 | -44226 | 141590 | 30961 | 172551 | 122343 | -324463 | -202120 | 163107 | 129557 | 292664 | 529095 | 1129594 | 1658689 |
| %Chg | -20.9 | 0.9 | -5.7 | -12.7 | 2.3 | -2.5 | 8.8 | 3.7 | 5.7 | - | - | - | -46.4 | - | -13.7 | 24.5 | 5.2 | 14.7 | 16.5 | -12.8 | -6.2 | 92.9 | 84.6 | 89.1 | 9.6 | 10.9 | |

Performance against Last Year

| Unit in Te | PREVIOUS YEAR DESPATCH PERFORMANCE 2017-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--------------------------------------------|---------|---------|---------------|---------|---------|---------|---------|---------|--------|-------|-----|--------|-------|--------|--------|--------|---------|--------|---------|---------|------------|--------|--------|-----------|----------|----------|---------|
| | Kiriburu | | | Meghahatuburu | | | Bolani | | | Barsua | | | Taldih | | | Kalta | | | Gua | | | Manoharpur | | | RMD TOTAL | | | |
| | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | |
| Apr-17 | 93034 | 205705 | 298739 | 102557 | 186744 | 289301 | 157291 | 270155 | 427446 | | | | 19284 | 19284 | 52923 | 49335 | 102258 | 94743 | 211053 | 305796 | 29782 | 13962 | 43744 | 549614 | 936954 | 1486568 | | |
| May-17 | 108284 | 229783 | 338067 | 75471 | 122904 | 198375 | 161078 | 238285 | 399363 | | | | 44258 | 44258 | 61635 | 51644 | 113279 | 86851 | 198410 | 285261 | 33785 | 18125 | 51910 | 571362 | 859151 | 1430513 | | |
| Jun-17 | 94661 | 236046 | 330707 | 71102 | 204110 | 275212 | 161631 | 269244 | 430875 | | | | 31910 | 31910 | 39970 | 40446 | 80416 | 69949 | 215160 | 285109 | 28119 | | | 28119 | 497342 | 965006 | 1462348 | |
| Jul-17 | 95988 | 203227 | 299215 | 98431 | 202274 | 300705 | 131343 | 201904 | 333247 | | | | 26127 | 26127 | 50192 | 32846 | 83038 | 56698 | 214229 | 270927 | | | | 458779 | 854480 | 1313259 | | |
| Aug-17 | 128151 | 252650 | 380801 | 124649 | 209225 | 333874 | 188639 | 310588 | 499227 | | | | 31718 | 31718 | 52154 | 44328 | 96482 | 50379 | 210555 | 260934 | | | | 575690 | 1027346 | 1603036 | | |
| Sep-17 | 94122 | 236991 | 331113 | 90078 | 238322 | 328400 | 191268 | 285463 | 476731 | | | | 40249 | 40249 | 53720 | 72421 | 126141 | 58144 | 200914 | 259058 | | | | 2978 | 2978 | 527581 | 1037089 | 1564670 |
| Oct-17 | 107967 | 245065 | 353032 | 82345 | 223131 | 305476 | 147489 | 229753 | 377242 | | | | 34809 | 34809 | 35575 | 96331 | 131906 | 51234 | 267710 | 318944 | 13402 | 28128 | 41530 | 472821 | 1090118 | 1562939 | | |
| Nov-17 | 103505 | 253908 | 357413 | 97050 | 225980 | 323030 | 171901 | 240643 | 412544 | | | | 39289 | 39289 | 77842 | 83727 | 161569 | 52513 | 257644 | 310157 | 14210 | 31964 | 46174 | 556310 | 1093866 | 1650176 | | |
| Dec-17 | 107259 | 268873 | 376132 | 76574 | 284542 | 361116 | 193292 | 325358 | 518650 | | | | 29907 | 29907 | 92243 | 89325 | 181568 | 56691 | 237906 | 294597 | 17389 | 18349 | 35738 | 573355 | 1224353 | 1797708 | | |
| Jan-18 | 101389 | 251389 | 352778 | 133695 | 226953 | 360648 | 142153 | 366512 | 508665 | | | | 32985 | 32985 | 54859 | 43355 | 98214 | 61928 | 245850 | 307778 | 32438 | 26255 | 58693 | 559447 | 1160314 | 1719761 | | |
| Total | 1034360 | 2383637 | 3417997 | 951952 | 2124185 | 3076137 | 1646085 | 2737905 | 4383990 | 0 | 0 | 0 | 330536 | 0 | 330536 | 571113 | 603758 | 1174871 | 639130 | 2259431 | 2898561 | 169125 | 139761 | 308886 | 5342301 | 10248677 | 15590978 | |

| | THIS YEAR DESPATCH PERFORMANCE 2018-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|----------------------------------------|---------|---------|---------------|---------|---------|---------|---------|---------|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|---------|---------|------------|--------|--------|-----------|----------|----------|---------|
| | Kiriburu | | | Meghahatuburu | | | Bolani | | | Barsua | | | Taldih | | | Kalta | | | Gua | | | Manoharpur | | | RMD TOTAL | | | |
| | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | LUMP | FINES | TOT | |
| Apr-18 | 83370 | 219106 | 302476 | 124184 | 208457 | 332641 | 121767 | 314857 | 436624 | | | | 41799 | 23872 | 65671 | 72764 | 88815 | 161579 | 110181 | 207154 | 317335 | 18434 | 18434 | 572499 | 1062261 | 1634760 | | |
| May-18 | 86809 | 224600 | 311409 | 90587 | 221302 | 311889 | 143299 | 321339 | 464638 | 11027 | 13401 | 24428 | 28797 | 33720 | 62517 | 72019 | 67164 | 139183 | 105181 | 173192 | 287373 | 48609 | 22053 | 70662 | 586328 | 1076771 | 1663099 | |
| Jun-18 | 77029 | 251775 | 328804 | 51764 | 258754 | 310518 | 233646 | 310958 | 544604 | 48990 | 69219 | 118209 | 36341 | 16492 | 52833 | 71150 | 57334 | 128484 | 97799 | 171704 | 269503 | 30731 | 33316 | 64047 | 647450 | 1169552 | 1817002 | |
| Jul-18 | 86744 | 222210 | 308954 | 86332 | 189169 | 275501 | 196074 | 277784 | 473858 | 49665 | 110036 | 159701 | 32062 | 14194 | 46256 | 46764 | 14455 | 61219 | 99794 | 213607 | 313401 | 22688 | 48975 | 620123 | 1067742 | 1687865 | | |
| Aug-18 | 70849 | 232280 | 303129 | 103720 | 211329 | 315049 | 195435 | 210652 | 406087 | 34538 | 112653 | 147191 | 10639 | | | 10639 | 79638 | 39235 | 118873 | 89921 | 225752 | 315673 | 26029 | 19246 | 45275 | 610769 | 1051147 | 1661916 |
| Sep-18 | 82155 | 272635 | 354790 | 83990 | 211535 | 295525 | 175113 | 220309 | 395422 | 42903 | 86578 | 129482 | 3846 | 14883 | 18729 | 57156 | 57061 | 114217 | 70118 | 204300 | 274418 | 42425 | 23236 | 65661 | 557706 | 1090537 | 1648244 | |
| Oct-18 | 79501 | 257678 | 337179 | 50670 | 243433 | 294103 | 161384 | 273019 | 434403 | 63013 | 9367 | 156980 | 22076 | | | 22076 | 78468 | 75139 | 153607 | 73948 | 210812 | 284760 | 29102 | 34024 | 63126 | 558162 | 1188072 | 1746234 |
| Nov-18 | 89635 | 249059 | 338694 | 57001 | 262146 | 319147 | 178349 | 315854 | 494204 | 60598 | 122130 | 182727 | | | | 75421 | 71650 | 147071 | 68147 | 177431 | 245578 | 43263 | 35319 | 78582 | 572414 | 1233589 | 1806004 | |
| Dec-18 | 96283 | 226587 | 322870 | 89749 | 230962 | 320711 | 241156 | 275462 | 516618 | 71030 | 109351 | 180381 | | | | 80692 | 73238 | 153929 | 97134 | 199377 | 296511 | 41377 | 54287 | 95664 | 717421 | 1169264 | 1886685 | |
| Jan-19 | 78200 | 234023 | 312222 | 98090 | 221374 | 319464 | 176143 | 260300 | 436443 | 66788 | 121544 | 188332 | | | | 83718 | 73117 | 156835 | 93045 | 190924 | 283969 | 48926 | 35773 | 84699 | 644910 | 1137054 | 1781963 | |
| Total | 830575 | 2389953 | 3220527 | 836087 | 2258461 | 3094548 | 1822367 | 2780534 | 4602901 | 448552 | 838879 | 1287431 | 175560 | 103161 | 278721 | 717790 | 617208 | 1334998 | 905268 | 1974253 | 2879521 | 351584 | 283541 | 635125 | 6087783 | 11245989 | 17333772 | |

Change Over Last Year

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---------|------|---------|---------|--------|-------|--------|-------|--------|--------|--------|---------|---------|--------|--------|--------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|---------|
| DIFF | -203785 | 6316 | -197470 | -115865 | 134276 | 18411 | 176282 | 42629 | 218911 | 448552 | 838879 | 1287431 | -154976 | 103161 | -51815 | 146677 | 13450 | 160127 | 266138 | -285178 | -19040 | 182459 | 143780 | 326239 | 745482 | 997312 | 1742794 |
| %Chg | -19.7 | 0.3 | -5.8 | -12.2 | 6.3 | 0.6 | 10.7 | 1.6 | 5.0 | - | - | - | -46.9 | - | -15.7 | 25.7 | 2.2 | 13.6 | 41.6 | -12.6 | -0.7 | 107.9 | 102.9 | 105.6 | 14.0 | 9.7 | 11.2 |

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

January 2019
बोकारो इस्पात संयंत

UNIT '000 TONNES

| MINE | LUMP | | | | | | | | FINES | | | | | | | | TOTAL | | | | | | | |
|---------|-----------|-----|-----|------------|------|-----|------|------|-----------|-----|-----|------------|------|-----|------|------|-----------|-----|-----|------------|------|-----|------|------|
| | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH |
| | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % |
| KRB | 65 | 27 | 41 | 625 | 300 | 48 | 354 | -15 | 90 | 76 | 85 | 790 | 878 | 111 | 804 | 9 | 155 | 103 | 66 | 1415 | 1178 | 88 | 1158 | 2 |
| MBR | 70 | 19 | 28 | 670 | 305 | 46 | 519 | -41 | 90 | 81 | 90 | 790 | 861 | 109 | 908 | -5 | 160 | 100 | 68 | 1460 | 1166 | 80 | 1428 | -18 |
| BOL | 30 | 57 | 189 | 350 | 608 | 174 | 532 | 14 | 90 | 30 | 34 | 1285 | 534 | 42 | 730 | -27 | 120 | 87 | 78 | 1635 | 1142 | 70 | 1262 | -10 |
| BAR | 20 | 60 | 301 | 160 | 162 | 101 | | | 15 | 118 | 789 | 100 | 664 | 664 | | | 35 | 179 | 510 | 260 | 826 | 318 | | |
| TAL | | | | 36 | | 61 | -40 | 55 | | | 275 | 103 | 38 | | | | 55 | | | 275 | 140 | 51 | 61 | 130 |
| KAL | 10 | 4 | 37 | 90 | 308 | 843 | 118 | 162 | | | | 120 | | 154 | -92 | 10 | 4 | 37 | 90 | 428 | 476 | 272 | 58 | |
| GUA | | 5 | | 100 | 31 | 81 | 161 | -81 | | 8 | | 95 | | 486 | -81 | | 14 | | 100 | 126 | 126 | 647 | -81 | |
| MPR | 30 | 31 | 108 | 295 | 219 | 74 | 98 | 123 | 40 | 25 | 68 | 275 | 189 | 69 | 90 | 111 | 70 | 56 | 80 | 570 | 408 | 72 | 188 | 117 |
| RMD TOT | 225 | 203 | 90 | 2290 | 1969 | 86 | 1842 | 7 | 380 | 339 | 89 | 3515 | 3444 | 98 | 3172 | 9 | 605 | 542 | 90 | 5805 | 5413 | 93 | 5014 | 8 |
| DRZ | | | | | | | | | | | | | | | | | | | | | | | | |
| PUR | | | | | | | | | | | | | | | | | | | | | | | | |
| GR TOT | 225 | 203 | 90 | 2290 | 1969 | 86 | 1842 | 7 | 380 | 339 | 89 | 3515 | 3444 | 98 | 3172 | 9 | 605 | 542 | 90 | 5805 | 5413 | 93 | 5014 | 8 |

FLUXES

| | | | | | | | | |
|------|----|----|----|-----|-----|----|-----|-----|
| KTR | 45 | 40 | 89 | 401 | 293 | 78 | 267 | 10 |
| TDMR | 10 | 3 | 29 | 90 | 56 | 62 | 74 | -25 |
| TOT | 55 | 43 | 78 | 491 | 349 | 71 | 341 | 2 |

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

January 2019
दूर्गापूर इस्पात संयंत्र

| MINE | LUMP | | | | | | | | | | | | FINES | | | | | | | | | | | | TOTAL | | | | | | | |
|------------|-----------|-----|-----|------------|-----------|-----------|-----------|------------|-----------|-----|-----|------------|-------|-----|------|------|-----------|-----|-----|------------|------|-----|------|------|-------|---|----|------|------|--|--|--|
| | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | | | | | | | | |
| | APP | ACT | %FF | APP | ACT | %FF | | | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | | | | | | |
| KRB | | | | | | | 8 | -100 | | | | | | | | | | | | | | | | | | | 8 | -100 | | | | |
| MBR | | | | | 7 | | 27 | -74 | | | 7 | | | | 105 | | 29 | 260 | | 7 | | | | | 112 | | 56 | 100 | | | | |
| BOL | 70 | 73 | 104 | 990 | 872 | 88 | 707 | 23 | 140 | 137 | 98 | 1340 | 1408 | 105 | 1084 | 30 | 210 | 210 | 100 | 2330 | 2280 | 98 | 1790 | 27 | | | | | | | | |
| BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUA | 50 | 12 | 23 | 455 | 330 | 78 | 342 | -4 | 75 | 20 | 27 | 775 | 728 | 94 | 815 | -11 | 125 | 31 | 25 | 1230 | 1058 | 86 | 1158 | -9 | | | | | | | | |
| MPR | | | | | | | | 4 | -100 | | | | | | | | | | | | | | | | | | | 4 | -100 | | | |
| RMD TOT | 120 | 84 | 70 | 1445 | 1209 | 84 | 1087 | 11 | 215 | 164 | 76 | 2115 | 2241 | 106 | 1928 | 16 | 335 | 248 | 74 | 3560 | 3450 | 97 | 3015 | 14 | | | | | | | | |
| DRZ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GR TOT | 120 | 84 | 70 | 1445 | 1209 | 84 | 1087 | 11 | 215 | 164 | 76 | 2115 | 2241 | 106 | 1928 | 16 | 335 | 248 | 74 | 3560 | 3450 | 97 | 3015 | 14 | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLUXES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KTR | 4 | | | 38 | 36 | 96 | 12 | 202 | | | | | | | | | | | | | | | | | | | | | | | | |
| TDMR | | | | | | | | 4 | -100 | | | | | | | | | | | | | | | | | | | | | | | |
| TOT | 4 | | | 38 | 36 | 96 | 16 | 127 | | | | | | | | | | | | | | | | | | | | | | | | |

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

January 2019
रात्रकेला इस्पात संयंत्र

| MINE | LUMP | | | | | | | | | | FINES | | | | | | | | | | TOTAL | | | | | | | | | | UNIT '000 TONNES | |
|------------|-----------|-----------|------------|------------|------------|-----------|------------|------------|-----------|-----|-------|------------|------|-----|------|------|-----------|-----|-----|------------|-------|-----|------|------|-----|-----|--|--|--|--|------------------|--|
| | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | | | | | | | | |
| | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | | | | | | | | |
| KRB | 25 | 52 | 207 | 310 | 531 | 171 | 660 | -20 | 100 | 154 | 154 | 1120 | 1453 | 180 | 1382 | 5 | 125 | 206 | 165 | 1430 | 1984 | 189 | 2042 | -3 | | | | | | | | |
| MBR | 20 | 79 | 394 | 320 | 521 | 163 | 406 | 28 | 20 | 126 | 681 | 655 | 1126 | 172 | 1044 | 8 | 40 | 205 | 512 | 975 | 1647 | 169 | 1450 | 14 | | | | | | | | |
| BOL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAR | 55 | 7 | 12 | 370 | 287 | 77 | | | 105 | 3 | 8 | 450 | 174 | 89 | | | 160 | 10 | 6 | 820 | 461 | 56 | | | | | | | | | | |
| TAL | 30 | | | 370 | 139 | 88 | 249 | -44 | | | | 100 | | | | | | | 30 | | 470 | 139 | 80 | 249 | -44 | | | | | | | |
| KAL | 65 | 80 | 123 | 660 | 410 | 62 | 407 | 1 | 130 | 73 | 56 | 950 | 498 | 52 | 431 | 15 | 195 | 153 | 79 | 1610 | 907 | 56 | 839 | 8 | | | | | | | | |
| GUA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPR | | 4 | | | 93 | | 14 | 557 | | | | 50 | 60 | 119 | 41 | 46 | | | 4 | | 50 | 153 | 306 | 55 | 177 | | | | | | | |
| RMD TOT | 195 | 221 | 118 | 2030 | 1981 | 98 | 1737 | 14 | 355 | 357 | 101 | 3325 | 3311 | 100 | 2897 | 14 | 550 | 578 | 105 | 5355 | 5292 | 99 | 4634 | 14 | | | | | | | | |
| PUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRZ | | | | | | 6 | | 7 | -14 | | | | | | | | | | | | | | 6 | | 7 | -14 | | | | | | |
| GR TOT | 195 | 221 | 113 | 2030 | 1987 | 98 | 1744 | 14 | 355 | 357 | 101 | 3325 | 3311 | 100 | 2897 | 14 | 550 | 578 | 105 | 5355 | 5298 | 99 | 4641 | 14 | | | | | | | | |
| 0 | FLUXES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KTR | 17 | 20 | 118 | 161 | 84 | 52 | 96 | -12 | | | | | | | | | | | | | | | | | | | | | | | | |
| TDMR | | 3 | | 24 | 19 | 79 | 36 | -47 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOT | 17 | 23 | 135 | 185 | 103 | 56 | 132 | -22 | | | | | | | | | | | | | | | | | | | | | | | | |

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

January 2019
बर्नपूर इस्पात संयंत्र

UNIT '000 TONNES

| MINE | LUMP | | | | | | | | FINES | | | | | | | | TOTAL | | | | | | | | | |
|----------------|------------|------------|------------|-------------|------------|-----------|------------|-----------|------------|------------|------------|-------------|-------------|-----------|-------------|----------|------------|------------|------------|-------------|-------------|-----------|-------------|-----------|------|------|
| | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | | |
| | APP | ACT | %FF | APP | ACT | %FF | | | APP | ACT | %FF | APP | ACT | %FF | | | APP | ACT | %FF | APP | ACT | %FF | | | | |
| KRB | 30 | | | 165 | | | 12 | -100 | | | | | | | 3 | | 13 | -76 | 30 | | | 165 | 3 | 2 | 26 | -87 |
| MBR | | | | 3 | | | | | 40 | 8 | 19 | 420 | 159 | 88 | 125 | 27 | 40 | 8 | 19 | 420 | 162 | 39 | 125 | 30 | | |
| BOL | 50 | 47 | 94 | 535 | 343 | 64 | 407 | -16 | 75 | 92 | 123 | 720 | 839 | 116 | 924 | -9 | 125 | 139 | 111 | 1255 | 1181 | 94 | 1332 | -11 | | |
| BAR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TAL | | | | | | | 19 | -100 | | | | | | | | | | | | | | | | 19 | -100 | |
| KAL | 5 | | | 100 | | | 46 | -100 | | | | | | | | 19 | -100 | 5 | | | 100 | | | | 65 | -100 |
| GUA | 30 | 76 | 253 | 305 | 544 | 178 | 136 | 800 | 150 | 163 | 109 | 1535 | 1152 | 75 | 958 | 20 | 180 | 239 | 133 | 1840 | 1696 | 92 | 1094 | 55 | | |
| MPR | | 14 | | | 39 | | 53 | -27 | | 11 | | | 35 | | 9 | 266 | | 25 | | | 74 | | | 62 | 18 | |
| RMD TOT | 115 | 137 | 119 | 1105 | 929 | 84 | 674 | 38 | 265 | 274 | 103 | 2675 | 2187 | 82 | 2048 | 7 | 380 | 411 | 108 | 3780 | 3116 | 82 | 2722 | 14 | | |
| DRZ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PUR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GR TOT | 115 | 137 | 119 | 1105 | 929 | 84 | 674 | 38 | 265 | 274 | 103 | 2675 | 2187 | 82 | 2048 | 7 | 380 | 411 | 108 | 3780 | 3116 | 82 | 2722 | 14 | | |

FLUXES

| | | | | | | | | |
|------------|--|----------|--|----------|----------|------------|----------|------------|
| KTR | | | | | | | | |
| TDMR | | 3 | | 4 | 5 | 133 | 8 | -34 |
| TOT | | 3 | | 4 | 5 | 133 | 8 | -34 |

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

January 2019

भिलाई इस्पात संयंत्र

| MINE | LUMP | | | | | | | | FINES | | | | | | | | TOTAL | | | | | | | | UNIT '000 TONNES | | | | |
|------------|-----------|-----------|------------|------------|------------|-----------|------------|----------|-----------|-----|-----|------------|-----|-----|------|------|-----------|-----|-----|------------|-----|-----|------|------|------------------|-----|--|--|--|
| | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | | | | | |
| | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | | | | | |
| KRB | | | | | | | | | 40 | 3 | 8 | 530 | 55 | 10 | 184 | -70 | 40 | 3 | 8 | 530 | 55 | 10 | 184 | -70 | | | | | |
| MBR | | | | | | | | | | | | | | 8 | | 18 | -58 | | | | | | 8 | | 18 | -58 | | | |
| BOL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BAR | | | | | | | | | 60 | | | 470 | | | | | 60 | | | 470 | | | | | | | | | |
| TAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GUA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RMD TOT | | | | | | | | | 100 | 3 | 3 | 1000 | 63 | 6 | 203 | -69 | 100 | 3 | 3 | 1000 | 63 | 6 | 203 | -69 | | | | | |
| DRZ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GR TOT | | | | | | | | | 100 | 3 | 3 | 1000 | 63 | 6 | 203 | -69 | 100 | 3 | 3 | 1000 | 63 | 6 | 203 | -69 | | | | | |
| FLUXES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KTR | 54 | 52 | 97 | 540 | 379 | 70 | 456 | -17 | | | | | | | | | | | | | | | | | | | | | |
| TDMR | 5 | 17 | 835 | 62 | 112 | 181 | 31 | 267 | | | | | | | | | | | | | | | | | | | | | |
| TOT | 59 | 69 | 117 | 602 | 491 | 82 | 487 | 1 | | | | | | | | | | | | | | | | | | | | | |

IRON ORE & FLUXES DISTRIBUTION AND TRANSFERS

January 2019
BSL+DSP+RSP+ISP+BSP

UNIT '000 TONNES

| MINE | LUMP | | | | | | | | FINES | | | | | | | | TOTAL | | | | | | | | |
|---------|-----------|-----|-----|------------|------|-----|------|------|-----------|------|-----|------------|-------|-----|-------|------|-----------|------|-----|------------|-------|-----|-------|------|-----|
| | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | FOR MONTH | | | TILL MONTH | | | LAST | GRTH | |
| | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | APP | ACT | %FF | APP | ACT | %FF | YR | % | |
| KRB | 120 | 78 | 65 | 1100 | 831 | 76 | 1034 | -20 | 230 | 234 | 102 | 2440 | 2390 | 98 | 2384 | 0 | 350 | 312 | 89 | 3540 | 3221 | 91 | 3418 | -6 | |
| MBR | 90 | 98 | 109 | 990 | 836 | 84 | 952 | -12 | 150 | 221 | 148 | 1865 | 2258 | 121 | 2124 | 6 | 240 | 319 | 138 | 2855 | 3095 | 108 | 3076 | 1 | |
| BOL | 150 | 176 | 117 | 1875 | 1822 | 97 | 1646 | 11 | 305 | 260 | 85 | 3845 | 2781 | 83 | 2738 | 2 | 455 | 436 | 96 | 5220 | 4603 | 88 | 4384 | 5 | |
| BAR | 75 | 67 | 89 | 530 | 449 | 85 | | | 180 | 122 | 68 | 1020 | 839 | 82 | | | 255 | 188 | 74 | 1550 | 1287 | 83 | | | |
| TAL | 80 | | | 370 | 176 | 47 | 829 | -47 | 55 | | | 375 | 103 | 28 | | | 85 | | | 745 | 279 | 87 | 329 | -15 | |
| KAL | 80 | 84 | 105 | 850 | 718 | 84 | 571 | 26 | 130 | 73 | 56 | 950 | 617 | 65 | 604 | 2 | 210 | 157 | 75 | 1800 | 1335 | 74 | 1175 | 14 | |
| GUA | 80 | 93 | 116 | 860 | 905 | 105 | 639 | 42 | 225 | 191 | 85 | 2310 | 1974 | 85 | 2258 | -13 | 305 | 284 | 93 | 3170 | 2880 | 91 | 2898 | -1 | |
| MPR | 30 | 49 | 163 | 295 | 352 | 119 | 169 | 108 | 40 | 36 | 89 | 325 | 284 | 87 | 140 | 102 | 70 | 85 | 121 | 620 | 635 | 102 | 309 | 105 | |
| RMD TOT | 655 | 645 | 98 | 6870 | 6088 | 89 | 5341 | 14 | 1315 | 1137 | 86 | 12630 | 11246 | 89 | 10248 | 10 | 1970 | 1782 | 90 | 19500 | 17334 | 89 | 15589 | 11 | |
| PUR | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRZ | | | | | | 6 | | 7 | -14 | | | | | | | | | | | | | 6 | | 7 | -14 |
| GR TOT | 655 | 645 | 98 | 6870 | 6094 | 89 | 5348 | 14 | 1315 | 1137 | 86 | 12630 | 11246 | 89 | 10248 | 10 | 1970 | 1782 | 90 | 19500 | 17340 | 89 | 15596 | 11 | |
| FLUXES | | | | | | | | | | | | | | | | | | | | | | | | | |
| KTR | 120 | 113 | 94 | 1140 | 798 | 70 | 831 | -5 | | | | | | | | | | | | | | | | | |
| TDMR | 15 | 25 | 167 | 180 | 192 | 107 | 152 | 26 | | | | | | | | | | | | | | | | | |
| TOT | 135 | 138 | 102 | 1320 | 985 | 75 | 983 | 0 | | | | | | | | | | | | | | | | | |

FLUX MINES OPERATIONS
January 2019

UNIT 000 TONNES

PRODUCTION

| MINE | | PLAN 2018-19 | FOR THE MONTH | | | | GRTH % OVER LSTYR Jan 2018 | TILL THE MONTH | | | | GRTH % OVER LSTYR |
|------------|------|-----------------|---------------|-----|-----|------------------------|-------------------------------------|----------------|-----|-----|------------|-------------------------|
| | | | TGT | ACT | %FF | LAST YR Jan 2018 | | TGT | ACT | %FF | LAST YR | |
| KUTESHWAR | LST | 1365 | 120 | 117 | 98 | 110 | 6.5 | 1140 | 761 | 67 | 825 | -7.7 |
| TULSIDAMAR | DOLO | 210 | 15 | 12 | 82 | 18 | -32.2 | 180 | 152 | 85 | 177 | -13.8 |
| RMD TOTAL | | 1575 | 135 | 129 | 96 | 128 | 1.0 | 1320 | 914 | 69 | 1002 | -8.8 |

DESPATCHES

| MINE | | PLAN 2018-19 | FOR THE MONTH | | | | GRTH % OVER LSTYR | TILL THE MONTH | | | | GRTH % OVER LSTYR |
|------------|------|-----------------|---------------|-----|-----|------------|-------------------------|----------------|-----|-----|------------|-------------------------|
| | | | TGT | ACT | %FF | LAST YR | | TGT | ACT | %FF | LAST YR | |
| KUTESHWAR | LST | 1365 | 120 | 113 | 94 | 104 | 8.2 | 1140 | 793 | 70 | 831 | -4.6 |
| TULSIDAMAR | DOLO | 210 | 15 | 25 | 167 | 15 | 68.7 | 180 | 192 | 107 | 155 | 23.8 |
| RMD TOTAL | | 1575 | 135 | 138 | 102 | 119 | 15.7 | 1320 | 985 | 75 | 986 | -0.1 |

Monthwise Performance against Last Year

| Unit in Te | PREVIOUS YEAR FLUX PERFORMANCE 2017-18 | | | | | |
|------------|----------------------------------------|--------|------------|--------|-----------|--------|
| | KTR | | Tulsidamar | | RMD TOTAL | |
| | PROD | DESP | PROD | DESP | PROD | DESP |
| Apr-17 | 84586 | 80594 | 10170 | 20107 | 94756 | 100701 |
| May-17 | 105306 | 100972 | 15229 | 17144 | 120535 | 118116 |
| Jun-17 | 90785 | 88818 | 22413 | 20559 | 113198 | 109377 |
| Jul-17 | 69065 | 80624 | 14045 | 16005 | 83110 | 96629 |
| Aug-17 | 69618 | 80934 | 17465 | 18733 | 87083 | 99667 |
| Sep-17 | 81361 | 80650 | 19140 | 19008 | 100501 | 99658 |
| Oct-17 | 54321 | 60378 | 13329 | 2709 | 67650 | 63087 |
| Nov-17 | 62310 | 56744 | 21806 | 8379 | 84116 | 65123 |
| Dec-17 | 97393 | 96864 | 25109 | 17734 | 122502 | 114598 |
| Jan-18 | 109907 | 104185 | 18259 | 14878 | 128166 | 119063 |
| Total | 824652 | 830763 | 176965 | 155256 | 1001617 | 986019 |

| THIS YEAR FLUX PERFORMANCE 2018-19 | | | | | | |
|------------------------------------|--------|--------|------------|--------|-----------|--------|
| | KTR | | Tulsidamar | | RMD TOTAL | |
| | PROD | DESP | PROD | DESP | PROD | DESP |
| Apr-18 | 65064 | 72530 | 13836 | 22043 | 78900 | 94573 |
| May-18 | 75105 | 88888 | 14281 | 12952 | 89386 | 101840 |
| Jun-18 | 98203 | 88408 | 15876 | 21881 | 114079 | 110289 |
| Jul-18 | 81536 | 80318 | 12834 | 20622 | 94370 | 100940 |
| Aug-18 | 46162 | 48192 | 14831 | 26918 | 60993 | 75110 |
| Sep-18 | 67847 | 80480 | 19986 | 12059 | 87833 | 92539 |
| Oct-18 | 60349 | 68474 | 14957 | 14969 | 75306 | 83443 |
| Nov-18 | 53305 | 60324 | 16047 | 11375 | 69352 | 71699 |
| Dec-18 | 97046 | 92538 | 17334 | 24303 | 114380 | 116841 |
| Jan-19 | 117022 | 112704 | 12374 | 25099 | 129396 | 137803 |
| Total | 761639 | 792856 | 152356 | 192221 | 913995 | 985077 |

Over Last Year

| | | | | | | |
|------|--------|--------|--------|-------|--------|------|
| DIFF | -63013 | -37907 | -24609 | 36965 | -87622 | -942 |
| %Chg | -7.6 | -4.6 | -13.9 | 23.8 | -8.7 | -0.1 |

QUALITY ANALYSED AT PLANT

January 2019

बोकारो इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फार्मिन्स

FLUX

| MINES | | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | MINES | CaO% | MgO% | SiO ₂ % | OS% | US% | |
|-------|---------|-------|--------------------|----------------------------------|-------|-------|-------|--------------------|----------------------------------|-------|-------|-------|---------|-------|--------------------|------|-------|-------|
| KRB | NORM | 62.70 | 2.80 | 2.50 | 0.00 | 10.00 | 62.50 | 3.20 | 2.60 | 5.00 | 30.00 | TDM | 30 | 18 | 5 | 5 | 10 | |
| | MTH ACT | 63.18 | 2.44 | 2.08 | 21.72 | 15.02 | 61.99 | 3.86 | 2.47 | 10.29 | 30.87 | | 25.21 | 16.40 | 6.75 | 4.50 | 8.95 | |
| CUM | 2018-19 | 62.68 | 3.49 | 1.81 | 15.00 | 18.71 | 62.09 | 3.84 | 2.33 | 9.92 | 30.47 | CUM | 2018-19 | 28.74 | 18.86 | 5.12 | 5.15 | 9.06 |
| | 2017-18 | 63.10 | 2.91 | 1.78 | 13.55 | 20.35 | 62.29 | 3.38 | 2.47 | 9.89 | 29.91 | | 2017-18 | 29.75 | 18.89 | 5.47 | 5.92 | 9.88 |
| MBR | NORM | 62.50 | 3.00 | 2.50 | 5.00 | 10.00 | 62.00 | 3.90 | 2.60 | 5.00 | 35.00 | KTR | 50 | 2.25 | 3.5 | 5 | 5 | |
| | MTH ACT | 62.72 | 3.57 | 1.59 | 13.80 | 20.20 | 61.82 | 4.24 | 2.35 | 5.05 | 35.74 | | 43.10 | 2.31 | 3.29 | 9.30 | 17.57 | |
| CUM | 2018-19 | 62.84 | 3.16 | 1.94 | 14.49 | 20.28 | 61.79 | 4.16 | 2.50 | 5.14 | 35.48 | CUM | 2018-19 | 43.76 | 2.54 | 3.59 | 6.43 | 23.45 |
| | 2017-18 | 62.88 | 3.04 | 1.93 | 14.90 | 21.66 | 61.92 | 3.83 | 2.53 | 5.49 | 35.27 | | 2017-18 | 45.56 | 2.57 | 3.33 | 4.00 | 26.14 |
| GUA | NORM | 62.50 | 3.00 | 2.20 | 5.00 | 10.00 | 62.50 | 2.90 | 2.80 | 5.00 | 45.00 | | | | | | | |
| | MTH ACT | 63.46 | 2.32 | 1.80 | 19.30 | 17.33 | 62.39 | 2.85 | 2.79 | 4.23 | 35.10 | | | | | | | |
| CUM | 2018-19 | 63.05 | 2.89 | 1.87 | 18.64 | 19.44 | 62.43 | 3.43 | 2.23 | 3.00 | 41.14 | | | | | | | |
| | 2017-18 | 62.73 | 3.02 | 2.02 | 10.95 | 25.04 | 62.62 | 3.15 | 2.01 | 2.62 | 40.59 | | | | | | | |
| BOL | NORM | 62.70 | 2.70 | 2.40 | 5.00 | 10.00 | 62.50 | 2.90 | 2.80 | 5.00 | 35.00 | | | | | | | |
| | MTH ACT | 62.77 | 2.98 | 2.16 | 22.84 | 13.71 | 61.66 | 3.71 | 3.08 | 5.56 | 33.92 | | | | | | | |
| CUM | 2018-19 | 62.91 | 2.96 | 2.02 | 20.23 | 17.41 | 61.89 | 3.59 | 2.70 | 5.73 | 34.59 | | | | | | | |
| | 2017-18 | 62.98 | 2.78 | 1.98 | 16.54 | 21.21 | 62.19 | 3.30 | 2.60 | 5.68 | 34.46 | | | | | | | |
| BAR | NORM | 62.50 | 2.70 | 2.60 | 5.00 | 10.00 | 62.00 | 2.80 | 3.20 | 5.00 | 30.00 | | | | | | | |
| | MTH ACT | 62.39 | 2.53 | 3.24 | 23.44 | 17.26 | 61.20 | 3.73 | 3.76 | 5.93 | 34.26 | | | | | | | |
| CUM | 2018-19 | 62.72 | 2.36 | 2.97 | 20.16 | 17.96 | 61.57 | 3.42 | 3.60 | 5.89 | 34.28 | | | | | | | |
| | 2017-18 | | | | | | | | | | | | | | | | | |
| KAL | NORM | 63.00 | 2.10 | 2.30 | 0.00 | 10.00 | 63.00 | 2.40 | 2.50 | 5.00 | 40.00 | | | | | | | |
| | MTH ACT | 63.78 | 1.77 | 1.78 | 6.20 | 7.40 | | | | | | | | | | | | |
| CUM | 2018-19 | 63.76 | 2.13 | 2.06 | 6.64 | 12.96 | 63.33 | 2.41 | 2.31 | 4.56 | 30.01 | | | | | | | |
| | 2017-18 | 64.36 | 1.80 | 1.50 | 6.76 | 12.44 | 63.70 | 2.20 | 1.90 | 4.30 | 29.54 | | | | | | | |
| MPR | NORM | 63.00 | 2.00 | 2.20 | 0.00 | 10.00 | 63.00 | 2.40 | 2.60 | 5.00 | 40.00 | | | | | | | |
| | MTH ACT | 63.43 | 2.04 | 2.30 | 14.76 | 9.10 | 63.36 | 2.53 | 1.91 | 4.20 | 28.55 | | | | | | | |
| CUM | 2018-19 | 63.75 | 2.10 | 1.96 | 13.15 | 11.26 | 63.30 | 2.43 | 2.26 | 4.58 | 29.76 | | | | | | | |
| | 2017-18 | 64.61 | 1.57 | 1.42 | 10.76 | 12.45 | 63.59 | 2.12 | 2.17 | 4.41 | 30.08 | | | | | | | |
| TAL | NORM | 63.00 | 2.40 | 2.40 | 0.00 | 10.00 | 62.00 | 3.00 | 3.00 | 10.00 | 40.00 | | | | | | | |
| | MTH ACT | | | | | | | | | | | | | | | | | |
| CUM | 2018-19 | 63.30 | 2.46 | 2.14 | 12.17 | 14.63 | 62.50 | 2.90 | 3.05 | 4.66 | 31.05 | | | | | | | |
| | 2017-18 | 63.54 | 2.25 | 1.92 | 7.48 | 13.66 | 62.64 | 2.64 | 3.03 | 4.60 | 29.80 | | | | | | | |

QUALITY ANALYSED AT PLANT

January 2019

दूर्गापूर इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फाईन्स

FLUX

| MINES | | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | MINES | CaO% | MgO% | SiO ₂ % | OS% | US% | |
|-------|---------|-------|--------------------|----------------------------------|------|-------|-------|--------------------|----------------------------------|------|-------|-------|---------|-------|--------------------|------|-------|-------|
| KRB | NORM | 62.70 | 2.80 | 2.50 | 0.00 | 10.00 | 62.50 | 3.20 | 2.60 | 5.00 | 30.00 | TDM | 30 | 18 | 5 | 5 | 10 | |
| | MTH ACT | | | | | | | | | | | | | | | | | |
| CUM | 2018-19 | | | | | | | | | | | CUM | 2018-19 | | | | | |
| CUM | 2017-18 | 63.30 | 2.70 | 1.90 | 4.40 | 22.80 | | | | | | CUM | 2017-18 | 30.40 | 16.20 | 4.40 | 71.80 | 10.40 |

| MBR | NORM | 62.50 | 3.00 | 2.50 | 5.00 | 10.00 | 62.00 | 3.90 | 2.60 | 5.00 | 35.00 | KTR | NORM | 50 | 2.25 | 3.5 | 5 | 5 |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|-----|---------|-------|------|------|-------|-------|
| | MTH ACT | | | | | | 61.73 | 5.63 | 2.53 | 5.60 | 51.50 | | MTH ACT | | | | | |
| CUM | 2018-19 | 62.80 | 2.60 | 2.00 | 17.60 | 4.20 | 61.73 | 4.55 | 2.15 | 3.69 | 45.04 | CUM | 2018-19 | 47.71 | 2.21 | 4.14 | 20.97 | 19.32 |
| CUM | 2017-18 | 62.78 | 2.70 | 1.23 | 12.60 | 19.89 | 62.92 | 3.45 | 2.03 | 3.94 | 47.59 | CUM | 2017-18 | 45.70 | 2.28 | 4.53 | 31.28 | 11.88 |

| GUA | NORM | 62.50 | 3.00 | 2.20 | 5.00 | 10.00 | 62.50 | 2.90 | 2.80 | 5.00 | 45.00 | KTR | NORM | 50 | 2.25 | 3.5 | 5 | 5 |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|-----|---------|----|------|-----|---|---|
| | MTH ACT | 63.40 | 1.46 | 2.34 | 28.68 | 15.90 | 63.73 | 2.30 | 1.90 | 5.68 | 44.85 | | MTH ACT | | | | | |
| CUM | 2018-19 | 62.64 | 3.08 | 1.68 | 22.21 | 15.69 | 63.29 | 3.06 | 1.93 | 2.61 | 51.07 | | | | | | | |
| CUM | 2017-18 | 62.72 | 2.94 | 1.59 | 10.62 | 16.98 | 63.95 | 2.47 | 1.58 | 2.43 | 51.83 | | | | | | | |

| BOL | NORM | 62.70 | 2.70 | 2.40 | 5.00 | 10.00 | 62.50 | 2.90 | 2.80 | 5.00 | 35.00 | KTR | NORM | 50 | 2.25 | 3.5 | 5 | 5 |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|-----|---------|----|------|-----|---|---|
| | MTH ACT | 61.99 | 2.69 | 2.00 | 24.27 | 16.64 | 61.95 | 3.03 | 2.99 | 7.71 | 42.51 | | MTH ACT | | | | | |
| CUM | 2018-19 | 62.26 | 2.81 | 1.93 | 22.45 | 14.41 | 62.48 | 2.99 | 2.58 | 5.83 | 41.33 | | | | | | | |
| CUM | 2017-18 | 62.70 | 2.27 | 1.95 | 15.32 | 15.19 | 62.89 | 2.69 | 2.26 | 5.71 | 41.45 | | | | | | | |

QUALITY ANALYSED AT PLANT

January 2019

रात्रकेला इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फार्मिन्स

FLUX

| MINES | | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | MINES | CaO% | MgO% | SiO ₂ % | OS% | US% |
|-------|---------|-------|--------------------|----------------------------------|-------|-------|-------|--------------------|----------------------------------|------|-------|-------|---------|-------|--------------------|------|-----|
| KRB | NORM | 62.70 | 2.80 | 2.50 | 0.00 | 10.00 | 62.50 | 3.20 | 2.60 | 5.00 | 30.00 | TDM | 30 | 18 | 5 | 5 | 10 |
| | MTH ACT | 62.57 | 3.53 | 2.45 | 19.30 | 20.50 | 62.10 | 3.58 | 2.42 | 7.50 | 40.50 | | 29.90 | 18.00 | 5.40 | | |
| CUM | 2018-19 | 62.59 | 3.22 | 2.74 | 14.79 | 20.01 | 62.08 | 3.28 | 2.73 | 7.44 | 37.07 | CUM | 2018-19 | 29.77 | 17.92 | 5.45 | |
| CUM | 2017-18 | 62.53 | 3.04 | 2.66 | 14.17 | 21.64 | 62.19 | 3.08 | 2.51 | 8.00 | 34.25 | CUM | 2017-18 | | | | |

| | | | | | | | | | | | | | | | | | |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|-----|---------|-------|------|------|------|
| MBR | NORM | 62.50 | 3.00 | 2.50 | 5.00 | 10.00 | 62.00 | 3.90 | 2.60 | 5.00 | 35.00 | KTR | 50.00 | 2.25 | 3.50 | 5.00 | 5.00 |
| | MTH ACT | 62.50 | 3.50 | 2.50 | 21.80 | 18.80 | 62.10 | 3.50 | 2.50 | | | | 48.40 | 3.78 | 3.16 | | |
| CUM | 2018-19 | 62.54 | 3.21 | 2.84 | 15.01 | 19.99 | 62.01 | 3.39 | 2.72 | 7.78 | 34.00 | CUM | 2018-19 | 49.99 | 2.73 | 2.98 | |
| CUM | 2017-18 | 62.45 | 2.95 | 2.53 | 15.25 | 18.89 | 62.13 | 3.08 | 2.56 | 8.23 | 28.85 | CUM | 2017-18 | 49.10 | 2.77 | 3.56 | |

| | | | | | | | | | | | | | | | | | |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|--|--|--|--|--|--|
| BAR | NORM | 62.50 | 2.70 | 2.60 | 5.00 | 10.00 | 62.00 | 2.80 | 3.20 | 5.00 | 30.00 | | | | | | |
| | MTH ACT | 62.45 | 3.95 | 2.15 | 17.00 | 23.00 | 62.00 | 3.70 | 2.50 | 7.20 | | | | | | | |
| CUM | 2018-19 | 62.41 | 3.13 | 3.10 | 12.76 | 22.24 | 61.79 | 3.40 | 2.99 | 7.20 | 34.12 | | | | | | |
| CUM | 2017-18 | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|--|--|--|--|--|--|
| KAL | NORM | 63.00 | 2.10 | 2.30 | 0.00 | 10.00 | 63.00 | 2.40 | 2.50 | 5.00 | 40.00 | | | | | | |
| | MTH ACT | 63.59 | 2.56 | 1.96 | 16.40 | 17.30 | 63.00 | 2.62 | 1.96 | | | | | | | | |
| CUM | 2018-19 | 63.52 | 2.44 | 2.15 | 13.98 | 16.62 | 63.02 | 2.42 | 2.08 | 5.89 | 32.64 | | | | | | |
| CUM | 2017-18 | 63.36 | 2.08 | 2.07 | 9.81 | 16.57 | 63.00 | 2.26 | 2.14 | 7.35 | 28.90 | | | | | | |

| | | | | | | | | | | | | | | | | | |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|--|--|--|--|--|--|
| MPR | NORM | 63.00 | 2.00 | 2.20 | 0.00 | 10.00 | 63.00 | 2.40 | 2.60 | 5.00 | 40.00 | | | | | | |
| | MTH ACT | 62.90 | 3.50 | 2.00 | 19.00 | 17.00 | | | | | | | | | | | |
| CUM | 2018-19 | 63.41 | 2.54 | 2.24 | 16.54 | 15.75 | 62.93 | 2.57 | 2.38 | 7.89 | 35.05 | | | | | | |
| CUM | 2017-18 | 63.44 | 2.07 | 2.14 | 16.32 | 17.40 | 62.54 | 2.53 | 2.58 | 5.66 | 30.75 | | | | | | |

| | | | | | | | | | | | | | | | | | |
|-----|---------|-------|------|------|-------|-------|-------|------|------|-------|-------|--|--|--|--|--|--|
| TAL | NORM | 63.00 | 2.40 | 2.40 | 0.00 | 10.00 | 62.00 | 3.00 | 3.00 | 10.00 | 40.00 | | | | | | |
| | MTH ACT | | | | | | | | | | | | | | | | |
| CUM | 2018-19 | 63.46 | 2.45 | 2.26 | 9.36 | 17.55 | | | | | | | | | | | |
| CUM | 2017-18 | 63.44 | 2.12 | 2.05 | 10.23 | 16.33 | | | | | | | | | | | |

QUALITY ANALYSED AT PLANT

January 2019

बर्नपूर इस्पात संयंत्र

लौह अयस्क लम्प

लौह अयस्क फार्मिन्स

FLUX

| MINES | | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | MINES | CaO% | MgO% | SiO ₂ % | OS% | US% |
|-------|---------|-------|--------------------|----------------------------------|-------|-------|-------|--------------------|----------------------------------|-------|-------|-------|---------|------|--------------------|-----|-----|
| KRB | NORM | 62.70 | 2.80 | 2.50 | 0.00 | 10.00 | 62.50 | 3.20 | 2.60 | 5.00 | 30.00 | TDM | 30 | 18 | 5 | 5 | 10 |
| | MTH ACT | | | | | | | | | | | | | | | | |
| CUM | 2018-19 | | | | | | 62.70 | 2.24 | 3.35 | 13.13 | 41.97 | CUM | 2018-19 | | | | |
| CUM | 2017-18 | 63.51 | 3.36 | 2.02 | 23.17 | 1.00 | 62.59 | 2.62 | 3.35 | 9.30 | 42.42 | CUM | 2017-18 | | | | |

| MBR | NORM | 62.50 | 3.00 | 2.50 | 5.00 | 10.00 | 62.00 | 3.90 | 2.60 | 5.00 | 35.00 | KTR | NORM | 50 | 2.25 | 3.5 | 5 | 5 |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|-----|---------|----|------|-----|---|---|
| | MTH ACT | | | | | | 60.82 | 5.42 | 3.08 | 3.97 | 45.40 | | MTH ACT | | | | | |
| CUM | 2018-19 | 64.79 | 1.47 | 1.18 | 66.82 | 0.70 | 61.19 | 4.78 | 3.27 | 8.32 | 37.75 | CUM | 2018-19 | | | | | |
| CUM | 2017-18 | 61.13 | 1.87 | 4.21 | 19.60 | | 62.01 | 3.55 | 3.53 | 7.77 | 38.51 | CUM | 2017-18 | | | | | |

| | | | | | | | | | | | |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|
| GUA | NORM | 62.50 | 3.00 | 2.20 | 5.00 | 10.00 | 62.50 | 2.90 | 2.80 | 5.00 | 45.00 |
| | MTH ACT | 62.87 | 3.28 | 2.32 | 35.91 | 3.84 | 62.44 | 3.58 | 2.99 | 3.89 | 49.15 |
| CUM | 2018-19 | 63.01 | 3.11 | 2.04 | 24.12 | 2.34 | 62.92 | 3.47 | 2.37 | 4.69 | 48.69 |
| CUM | 2017-18 | 62.82 | 2.93 | 2.43 | 22.20 | 2.50 | 62.95 | 2.83 | 2.75 | 3.39 | 50.66 |

| | | | | | | | | | | | |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|
| BOL | NORM | 62.70 | 2.70 | 2.40 | 5.00 | 10.00 | 62.50 | 2.90 | 2.80 | 5.00 | 35.00 |
| | MTH ACT | 62.91 | 2.54 | 2.74 | 31.93 | 2.25 | 61.40 | 1.19 | 3.53 | 6.42 | 41.63 |
| CUM | 2018-19 | 62.81 | 3.38 | 2.11 | 21.74 | 1.38 | 61.73 | 3.57 | 3.22 | 8.28 | 39.63 |
| CUM | 2017-18 | 62.64 | 2.81 | 3.01 | 17.15 | 5.55 | 62.37 | 2.93 | 3.14 | 9.05 | 42.61 |

| | | | | | | | | | | | |
|-----|---------|-------|------|------|-------|-------|-------|------|------|------|-------|
| MPR | NORM | 63.00 | 2.00 | 2.20 | 0.00 | 10.00 | 63.00 | 2.40 | 2.60 | 5.00 | 40.00 |
| | MTH ACT | 64.31 | 1.82 | 1.80 | 30.07 | 5.85 | 61.85 | 3.59 | 3.75 | 6.32 | 46.67 |
| CUM | 2018-19 | 63.52 | 2.43 | 2.06 | 25.41 | 3.50 | 61.41 | 4.46 | 3.43 | 5.86 | 49.95 |
| CUM | 2017-18 | 62.41 | 2.41 | 3.68 | 23.83 | 4.96 | 61.01 | 3.09 | 4.95 | 3.76 | 43.00 |

QUALITY ANALYSED AT PLANT

January 2019

मिलाई इस्पात संयन्त्र

लौह अयस्क लम्प

लौह अयस्क फार्डिन्स

FLUX

| MINES | | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | Fe% | SiO ₂ % | Al ₂ O ₃ % | OS% | US% | MINES | CaO% | MgO% | SiO ₂ % | OS% | US% | |
|-------|---------|---------|--------------------|----------------------------------|------|-------|-------|--------------------|----------------------------------|-------|-------|-------|---------|-------|--------------------|-------|-------|-------|
| KRB | NORM | 62.70 | 2.80 | 2.50 | 0.00 | 10.00 | 62.50 | 3.20 | 2.60 | 5.00 | 30.00 | TDM | 30.0 | 18.0 | 5.0 | 5.0 | 10.0 | |
| | MTH ACT | | | | | | 62.40 | 4.40 | 2.25 | 5.80 | 52.20 | | 28.94 | 17.79 | 7.60 | 29.25 | 8.13 | |
| | CUM | 2018-19 | | | | | 62.78 | 4.59 | 1.92 | 10.71 | 38.04 | CUM | 2018-19 | 28.62 | 17.65 | 8.16 | 33.92 | 9.21 |
| | CUM | 2017-18 | | | | | | | | | | CUM | 2017-18 | | | | | |
| MBR | NORM | 62.50 | 3.00 | 2.50 | 5.00 | 10.00 | 62.00 | 3.90 | 2.60 | 5.00 | 35.00 | KTR | 50.0 | 2.25 | 3.50 | 5.0 | 5.0 | |
| | MTH ACT | | | | | | | | | | | | 50.12 | 2.09 | 3.71 | 9.57 | 16.09 | |
| | CUM | 2018-19 | | | | | 62.32 | 4.69 | 1.61 | 1.10 | 39.60 | CUM | 2018-19 | 49.79 | 2.29 | 3.93 | 9.34 | 18.63 |
| | CUM | 2017-18 | | | | | | | | | | CUM | 2017-18 | 50.46 | 1.89 | 3.64 | 7.16 | 18.33 |
| BAR | NORM | 62.50 | 2.70 | 2.60 | 5.00 | 10.00 | 62.00 | 2.80 | 3.20 | 5.00 | 30.00 | | | | | | | |
| | MTH ACT | | | | | | | | | | | | | | | | | |
| | CUM | 2018-19 | | | | | | | | | | | | | | | | |
| | CUM | 2017-18 | | | | | | | | | | | | | | | | |
| KAL | NORM | 63.00 | 2.10 | 2.30 | 0.00 | 10.00 | 63.00 | 2.40 | 2.50 | 5.00 | 40.00 | | | | | | | |
| | MTH ACT | | | | | | | | | | | | | | | | | |
| | CUM | 2018-19 | | | | | | | | | | | | | | | | |
| | CUM | 2017-18 | | | | | | | | | | | | | | | | |
| MPR | NORM | 63.00 | 2.00 | 2.20 | 0.00 | 10.00 | 63.00 | 2.40 | 2.60 | 5.00 | 40.00 | | | | | | | |
| | MTH ACT | | | | | | | | | | | | | | | | | |
| | CUM | 2018-19 | | | | | | | | | | | | | | | | |
| | CUM | 2017-18 | | | | | | | | | | | | | | | | |
| TAL | NORM | 63.00 | 2.40 | 2.40 | 0.00 | 10.00 | 62.00 | 3.00 | 3.00 | 10.00 | 40.00 | | | | | | | |
| | MTH ACT | | | | | | | | | | | | | | | | | |
| | CUM | 2018-19 | | | | | | | | | | | | | | | | |
| | CUM | 2017-18 | | | | | | | | | | | | | | | | |

किरीबुरु

लम्प

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 62.74 | 2.99 | 2.34 | 13.94 | 21.08 | 5.33 | 0.78 | |
| APP 18-19 | 62.70 | 2.80 | 2.50 | 5.00 | 10.00 | 5.30 | 0.89 | |
| Apr-18 | 62.81 | 3.09 | 2.44 | 16.20 | 17.03 | 5.53 | 0.79 | 84301 |
| May-18 | 62.90 | 2.92 | 2.36 | 11.48 | 18.25 | 5.28 | 0.81 | 87515 |
| Jun-18 | 62.73 | 2.96 | 2.57 | 13.00 | 17.55 | 5.53 | 0.87 | 72702 |
| Jul-18 | 62.56 | 3.63 | 2.10 | 11.74 | 22.34 | 5.73 | 0.58 | 89879 |
| Aug-18 | 62.48 | 3.76 | 2.12 | 12.68 | 21.33 | 5.88 | 0.56 | 67213 |
| Sep-18 | 62.39 | 3.92 | 2.02 | 15.84 | 19.28 | 5.94 | 0.52 | 86320 |
| Oct-18 | 62.40 | 3.10 | 3.02 | 13.72 | 20.32 | 6.13 | 0.97 | 80665 |
| Nov-18 | 62.43 | 3.30 | 2.83 | 15.63 | 20.14 | 6.12 | 0.86 | 87475 |
| Dec-18 | 62.71 | 3.31 | 2.34 | 17.78 | 20.42 | 5.65 | 0.71 | 97108 |
| Jan-19 | 62.78 | 3.16 | 2.33 | 20.11 | 18.65 | 5.49 | 0.74 | 78706 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.62 | 3.31 | 2.41 | 14.88 | 19.55 | 5.73 | 0.73 | 831884 |

किरीबुरु

फाईन्स

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 62.23 | 3.19 | 2.50 | 8.68 | 32.69 | 5.69 | 0.78 | |
| APP 18-19 | 62.50 | 3.20 | 2.60 | 5.00 | 30.00 | 5.80 | 0.81 | |
| Apr-18 | 62.27 | 3.12 | 2.71 | 10.17 | 29.79 | 5.82 | 0.87 | 224518 |
| May-18 | 62.19 | 3.06 | 2.86 | 10.54 | 31.07 | 5.92 | 0.94 | 214882 |
| Jun-18 | 62.25 | 3.17 | 2.69 | 7.45 | 32.15 | 5.86 | 0.85 | 250772 |
| Jul-18 | 62.06 | 3.52 | 2.61 | 8.20 | 32.85 | 6.13 | 0.74 | 226427 |
| Aug-18 | 62.02 | 3.96 | 2.23 | 9.38 | 30.25 | 6.20 | 0.56 | 229623 |
| Sep-18 | 62.04 | 3.95 | 2.34 | 11.02 | 31.67 | 6.29 | 0.59 | 270810 |
| Oct-18 | 62.00 | 3.42 | 2.78 | 8.60 | 34.89 | 6.21 | 0.81 | 260109 |
| Nov-18 | 62.06 | 3.38 | 2.71 | 8.55 | 37.56 | 6.09 | 0.80 | 258083 |
| Dec-18 | 62.08 | 3.83 | 2.29 | 8.19 | 34.72 | 6.12 | 0.60 | 229295 |
| Jan-19 | 62.07 | 3.67 | 2.43 | 8.31 | 37.79 | 6.11 | 0.66 | 229295 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.10 | 3.52 | 2.56 | 9.04 | 33.33 | 6.08 | 0.73 | 2393814 |

मेघाहातुबुरु

लम्प

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 62.68 | 2.99 | 2.18 | 15.00 | 20.32 | 5.17 | 0.73 | |
| APP 18-19 | 62.50 | 3.00 | 2.50 | 5.00 | 10.00 | 5.50 | 0.83 | |
| Apr-18 | 62.72 | 3.03 | 2.43 | 14.42 | 17.36 | 5.45 | 0.80 | 121538 |
| May-18 | 62.75 | 2.91 | 2.62 | 11.74 | 17.61 | 5.53 | 0.90 | 90960 |
| Jun-18 | 62.56 | 3.26 | 2.53 | 13.84 | 20.31 | 5.79 | 0.77 | 53604 |
| Jul-18 | 62.65 | 3.34 | 2.46 | 12.82 | 22.73 | 5.80 | 0.74 | 86004 |
| Aug-18 | 62.55 | 3.23 | 2.49 | 12.20 | 23.05 | 5.72 | 0.77 | 106271 |
| Sep-18 | 62.71 | 3.02 | 2.52 | 15.04 | 20.37 | 5.54 | 0.84 | 80515 |
| Oct-18 | 62.61 | 2.96 | 2.92 | 17.42 | 18.86 | 5.87 | 0.99 | 55486 |
| Nov-18 | 62.80 | 3.12 | 2.43 | 16.49 | 18.47 | 5.55 | 0.78 | 57382 |
| Dec-18 | 62.71 | 3.37 | 2.40 | 17.17 | 21.00 | 5.77 | 0.71 | 90698 |
| Jan-19 | 62.54 | 3.51 | 2.32 | 20.25 | 19.07 | 5.84 | 0.66 | 100086 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.66 | 3.18 | 2.49 | 15.04 | 19.90 | 5.67 | 0.78 | 842544 |

मेघाहातुबुरु

फाईन्स

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|------|-------|-------|-------|-----------|
| Act 17-18 | 62.04 | 3.44 | 2.59 | 6.94 | 32.44 | 6.03 | 0.75 | |
| APP 18-19 | 62.00 | 3.90 | 2.60 | 5.00 | 35.00 | 6.50 | 0.67 | |
| Apr-18 | 62.03 | 3.32 | 2.82 | 5.53 | 35.29 | 6.14 | 0.85 | 203415 |
| May-18 | 61.78 | 3.64 | 2.92 | 5.02 | 37.76 | 6.57 | 0.80 | 221291 |
| Jun-18 | 61.81 | 3.79 | 2.73 | 5.65 | 35.66 | 6.52 | 0.72 | 259755 |
| Jul-18 | 61.97 | 3.63 | 2.58 | 7.12 | 35.16 | 6.21 | 0.71 | 185424 |
| Aug-18 | 61.85 | 4.28 | 2.25 | 6.74 | 33.38 | 6.53 | 0.53 | 196224 |
| Sep-18 | 61.98 | 3.94 | 2.45 | 5.23 | 36.78 | 6.39 | 0.62 | 224045 |
| Oct-18 | 61.72 | 3.93 | 2.66 | 4.17 | 39.71 | 6.59 | 0.68 | 246251 |
| Nov-18 | 61.69 | 3.93 | 2.85 | 4.89 | 40.65 | 6.78 | 0.73 | 261435 |
| Dec-18 | 61.96 | 3.82 | 2.55 | 6.18 | 36.06 | 6.37 | 0.67 | 236899 |
| Jan-19 | 61.94 | 3.90 | 2.47 | 4.99 | 37.82 | 6.37 | 0.63 | 213272 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 61.87 | 3.82 | 2.64 | 5.49 | 36.98 | 6.46 | 0.69 | 2248011 |

बोलानी

लम्प

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 62.77 | 2.56 | 2.23 | 16.16 | 14.54 | 4.79 | 0.87 | |
| APP 18-19 | 62.70 | 2.70 | 2.40 | 5.00 | 10.00 | 5.10 | 0.89 | |
| Apr-18 | 63.20 | 2.07 | 2.09 | 23.00 | 10.70 | 4.16 | 1.01 | 125758 |
| May-18 | 62.68 | 2.26 | 2.12 | 17.05 | 13.49 | 4.38 | 0.94 | 140298 |
| Jun-18 | 62.64 | 2.73 | 2.17 | 20.97 | 13.80 | 4.90 | 0.79 | 216129 |
| Jul-18 | 62.51 | 3.20 | 1.87 | 15.78 | 17.77 | 5.08 | 0.58 | 173171 |
| Aug-18 | 62.50 | 3.88 | 1.55 | 18.00 | 13.59 | 5.42 | 0.40 | 192079 |
| Sep-18 | 62.18 | 3.60 | 1.99 | 23.74 | 12.96 | 5.60 | 0.55 | 179450 |
| Oct-18 | 61.65 | 4.19 | 2.06 | 25.72 | 10.51 | 6.25 | 0.49 | 169282 |
| Nov-18 | 62.99 | 2.55 | 1.95 | 22.25 | 12.20 | 4.50 | 0.77 | 170096 |
| Dec-18 | 63.01 | 2.26 | 1.96 | 23.41 | 11.18 | 4.22 | 0.87 | 239216 |
| Jan-19 | 62.50 | 2.74 | 2.26 | 25.99 | 11.63 | 5.00 | 0.83 | 171814 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.58 | 2.96 | 2.00 | 21.65 | 12.81 | 4.96 | 0.67 | 1777293 |

ग्राम

लम्प

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 62.74 | 2.96 | 1.86 | 13.08 | 15.88 | 4.82 | 0.63 | |
| APP 18-19 | 62.50 | 3.00 | 2.20 | 5.00 | 10.00 | 5.20 | 0.73 | |
| Apr-18 | 63.19 | 2.28 | 1.74 | 25.25 | 4.92 | 4.02 | 0.76 | 107438 |
| May-18 | 63.11 | 2.89 | 1.76 | 14.83 | 9.00 | 4.64 | 0.61 | 108220 |
| Jun-18 | 63.50 | 2.08 | 1.99 | 14.25 | 5.83 | 4.06 | 0.96 | 101865 |
| Jul-18 | 62.72 | 4.09 | 1.53 | 16.21 | 7.99 | 5.62 | 0.37 | 97342 |
| Aug-18 | 62.57 | 4.01 | 1.53 | 24.44 | 8.56 | 5.54 | 0.38 | 85455 |
| Sep-18 | 62.38 | 3.31 | 1.87 | 23.62 | 13.01 | 5.18 | 0.56 | 67829 |
| Oct-18 | 63.02 | 3.18 | 1.77 | 39.65 | 5.80 | 4.95 | 0.56 | 82249 |
| Nov-18 | 61.91 | 4.26 | 2.39 | 24.27 | 9.69 | 6.64 | 0.56 | 69008 |
| Dec-18 | 62.92 | 2.50 | 2.33 | 20.13 | 8.13 | 4.83 | 0.93 | 95441 |
| Jan-19 | 62.97 | 3.00 | 2.30 | 34.16 | 6.06 | 5.30 | 0.77 | 96215 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.88 | 3.09 | 1.91 | 23.25 | 7.68 | 5.00 | 0.62 | 911062 |

बोलानी

फाईन्स

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|------|-------|-------|-------|-----------|
| Act 17-18 | 62.53 | 2.94 | 2.65 | 6.84 | 39.97 | 5.59 | 0.90 | |
| APP 18-19 | 62.50 | 2.90 | 2.80 | 5.00 | 35.00 | 5.70 | 0.97 | |
| Apr-18 | 62.54 | 2.86 | 2.78 | 6.51 | 42.47 | 5.65 | 0.97 | 305439 |
| May-18 | 62.15 | 3.31 | 2.79 | 5.23 | 41.13 | 6.09 | 0.84 | 326463 |
| Jun-18 | 61.91 | 3.20 | 3.20 | 6.28 | 41.02 | 6.40 | 1.00 | 302797 |
| Jul-18 | 61.88 | 3.67 | 2.90 | 5.98 | 37.91 | 6.57 | 0.79 | 276620 |
| Aug-18 | 62.44 | 3.69 | 1.98 | 6.48 | 40.06 | 5.67 | 0.54 | 213558 |
| Sep-18 | 62.29 | 3.76 | 2.23 | 7.98 | 35.88 | 5.99 | 0.59 | 226512 |
| Oct-18 | 62.42 | 3.24 | 2.49 | 7.19 | 35.80 | 5.73 | 0.77 | 281369 |
| Nov-18 | 62.03 | 3.58 | 2.98 | 6.37 | 39.88 | 6.56 | 0.83 | 297813 |
| Dec-18 | 62.01 | 3.30 | 3.15 | 7.13 | 38.64 | 6.45 | 0.96 | 277108 |
| Jan-19 | 61.71 | 2.43 | 3.20 | 6.97 | 41.13 | 5.63 | 1.32 | 263332 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.13 | 3.29 | 2.80 | 6.56 | 39.51 | 6.09 | 0.85 | 2771011 |

ग्राम

फाईन्स

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|------|-------|-------|-------|-----------|
| Act 17-18 | 63.26 | 2.76 | 2.16 | 2.88 | 49.07 | 4.92 | 0.78 | |
| APP 18-19 | 62.50 | 2.90 | 2.80 | 5.00 | 45.00 | 5.70 | 0.97 | |
| Apr-18 | 62.83 | 2.83 | 2.58 | 4.45 | 49.64 | 5.41 | 0.91 | 226000 |
| May-18 | 62.49 | 3.42 | 2.44 | 3.05 | 49.27 | 5.86 | 0.71 | 193903 |
| Jun-18 | 63.15 | 3.03 | 2.08 | 3.06 | 53.79 | 5.11 | 0.69 | 189726 |
| Jul-18 | 63.27 | 3.59 | 1.99 | 4.21 | 47.87 | 5.58 | 0.55 | 213639 |
| Aug-18 | 63.18 | 3.76 | 1.82 | 3.30 | 51.20 | 5.58 | 0.48 | 220940 |
| Sep-18 | 63.77 | 2.89 | 1.78 | 2.83 | 51.54 | 4.67 | 0.62 | 198606 |
| Oct-18 | 63.45 | 3.03 | 1.93 | 3.78 | 49.26 | 4.96 | 0.64 | 209390 |
| Nov-18 | 62.18 | 4.36 | 2.38 | 5.23 | 47.44 | 6.74 | 0.55 | 183303 |
| Dec-18 | 63.28 | 2.96 | 2.21 | 4.61 | 43.85 | 5.18 | 0.75 | 194955 |
| Jan-19 | 62.60 | 3.40 | 2.85 | 4.12 | 48.24 | 6.25 | 0.84 | 201793 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 63.03 | 3.32 | 2.20 | 3.86 | 49.23 | 5.52 | 0.66 | 2032255 |

बरसुआ

लम्प

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | | | | | | | | |
| APP 18-19 | 62.50 | 2.70 | 2.60 | 5.00 | 10.00 | 5.30 | 0.96 | |
| Apr-18 | | | | | | | | |
| May-18 | 62.88 | 2.48 | 3.21 | 9.20 | 15.60 | 5.69 | 1.29 | 15027 |
| Jun-18 | 63.30 | 2.32 | 2.56 | 12.97 | 18.90 | 4.89 | 1.10 | 52415 |
| Jul-18 | 62.40 | 2.94 | 3.30 | 10.13 | 24.17 | 6.24 | 1.13 | 43071 |
| Aug-18 | 62.09 | 3.85 | 3.01 | 11.90 | 24.30 | 6.86 | 0.78 | 39295 |
| Sep-18 | 62.09 | 3.48 | 3.12 | 13.00 | 22.30 | 6.59 | 0.90 | 42544 |
| Oct-18 | 62.33 | 2.80 | 3.54 | 15.68 | 21.80 | 6.33 | 1.26 | 63964 |
| Nov-18 | 62.43 | 2.91 | 3.16 | 15.99 | 20.69 | 6.06 | 1.09 | 58251 |
| Dec-18 | 62.81 | 2.54 | 2.64 | 17.91 | 20.04 | 5.18 | 1.04 | 75127 |
| Jan-19 | 62.40 | 2.68 | 3.13 | 22.77 | 17.85 | 5.80 | 1.17 | 64309 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.52 | 2.85 | 3.05 | 15.46 | 20.76 | 5.91 | 1.07 | 454003 |

बरसुआ

फार्म्स

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | | | | | | | | |
| APP 18-19 | 62.00 | 2.80 | 3.20 | 5.00 | 30 | 6.00 | 1.14 | |
| Apr-18 | | | | | | | | |
| May-18 | 61.71 | 3.36 | 3.68 | 4.10 | 30.10 | 7.04 | 1.09 | 13129 |
| Jun-18 | 62.62 | 2.77 | 2.93 | 3.43 | 31.67 | 5.70 | 1.06 | 69197 |
| Jul-18 | 61.82 | 3.31 | 3.50 | 5.81 | 36.49 | 6.81 | 1.05 | 115327 |
| Aug-18 | 61.65 | 3.37 | 3.37 | 7.29 | 36.96 | 6.73 | 1.00 | 102123 |
| Sep-18 | 61.59 | 3.36 | 3.43 | 10.68 | 35.08 | 6.79 | 1.02 | 83851 |
| Oct-18 | 61.32 | 3.67 | 3.57 | 12.46 | 34.61 | 7.23 | 0.97 | 92509 |
| Nov-18 | 61.39 | 3.52 | 3.59 | 6.68 | 33.16 | 7.11 | 1.02 | 143095 |
| Dec-18 | 61.70 | 3.34 | 3.38 | 5.92 | 32.11 | 6.72 | 1.01 | 99184 |
| Jan-19 | 61.22 | 3.73 | 3.73 | 6.13 | 34.26 | 7.46 | 1.00 | 120778 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 61.61 | 3.42 | 3.47 | 7.19 | 34.30 | 6.89 | 1.02 | 839193 |

तल्डौह

लम्प

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 63.39 | 2.16 | 2.14 | 9.49 | 15.17 | 4.30 | 0.99 | |
| APP 18-19 | 63.00 | 2.40 | 2.40 | | 10.00 | 4.80 | 1.00 | |
| Apr-18 | 63.77 | 2.31 | 1.99 | 9.28 | 16.35 | 4.29 | 0.86 | 41090 |
| May-18 | 63.36 | 2.55 | 2.32 | 9.20 | 15.60 | 4.87 | 0.91 | 25921 |
| Jun-18 | 63.16 | 2.59 | 2.55 | 9.30 | 19.50 | 5.14 | 0.98 | 35878 |
| Jul-18 | 63.29 | 2.49 | 2.42 | 10.58 | 18.84 | 4.91 | 0.97 | 37901 |
| Aug-18 | 63.36 | 2.55 | 2.32 | 9.00 | 16.00 | 4.87 | 0.91 | 10639 |
| Sep-18 | 62.51 | 3.59 | 1.98 | 11.50 | 14.40 | 5.57 | 0.55 | 3846 |
| Oct-18 | 63.72 | 2.09 | 1.80 | 12.11 | 13.13 | 3.89 | 0.86 | 22143 |
| Nov-18 | | | | | | | | |
| Dec-18 | | | | | | | | |
| Jan-19 | | | | | | | | |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 63.43 | 2.45 | 2.24 | 9.94 | 16.95 | 4.69 | 0.91 | 177418 |

तल्डौह

फार्म्स

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 62.64 | 2.64 | 3.03 | 4.60 | 29.80 | 5.67 | 1.15 | |
| APP 18-19 | 62.00 | 3.00 | 3.00 | 10.00 | 40.00 | 6.00 | 1.00 | |
| Apr-18 | 62.88 | 2.65 | 2.93 | 3.83 | 29.80 | 5.58 | 1.11 | 27800 |
| May-18 | 63.01 | 2.65 | 2.69 | 4.63 | 30.61 | 5.34 | 1.02 | 24214 |
| Jun-18 | 62.27 | 2.77 | 3.57 | 5.40 | 36.25 | 6.34 | 1.29 | 12938 |
| Jul-18 | 62.33 | 2.95 | 3.33 | 4.68 | 30.72 | 6.28 | 1.13 | 14317 |
| Aug-18 | | | | | | | | |
| Sep-18 | 61.57 | 3.67 | 3.13 | 5.40 | 30.12 | 6.80 | 0.85 | 18508 |
| Oct-18 | | | | | | | | |
| Nov-18 | | | | | | | | |
| Dec-18 | | | | | | | | |
| Jan-19 | | | | | | | | |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.50 | 2.90 | 3.05 | 4.66 | 31.05 | 5.95 | 1.05 | 97777 |

मनोहरपुर

लम्प

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 63.95 | 1.81 | 2.04 | 14.25 | 11.85 | 3.85 | 1.13 | |
| APP 18-19 | 63.00 | 2.00 | 2.20 | | 10.00 | 4.20 | 1.10 | |
| Apr-18 | 63.85 | 2.37 | 1.91 | 17.35 | 10.12 | 4.27 | 0.80 | 14822 |
| May-18 | 63.82 | 2.21 | 2.05 | 13.16 | 12.54 | 4.26 | 0.93 | 51785 |
| Jun-18 | 63.70 | 2.20 | 2.21 | 12.40 | 14.14 | 4.41 | 1.01 | 26780 |
| Jul-18 | 63.85 | 2.16 | 2.02 | 12.37 | 14.53 | 4.19 | 0.94 | 14930 |
| Aug-18 | 63.64 | 2.51 | 2.08 | 12.07 | 14.72 | 4.59 | 0.83 | 26105 |
| Sep-18 | 63.52 | 2.27 | 1.95 | 12.31 | 12.63 | 4.23 | 0.86 | 41643 |
| Oct-18 | 63.61 | 2.23 | 1.94 | 19.75 | 10.64 | 4.17 | 0.87 | 32349 |
| Nov-18 | 63.74 | 2.07 | 2.06 | 14.35 | 14.71 | 4.13 | 1.00 | 35653 |
| Dec-18 | 63.32 | 2.44 | 2.04 | 17.37 | 7.41 | 4.47 | 0.84 | 44525 |
| Jan-19 | 63.64 | 2.09 | 2.13 | 19.58 | 8.79 | 4.22 | 1.02 | 47749 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 63.64 | 2.25 | 2.04 | 15.29 | 11.66 | 4.29 | 0.91 | 336341 |

काल्टा

लम्प

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|-------|-------|-------|-------|-----------|
| Act 17-18 | 63.59 | 2.02 | 1.98 | 9.38 | 14.97 | 4.00 | 0.98 | |
| APP 18-19 | 63.00 | 2.10 | 2.30 | 5.00 | 10.00 | 4.40 | 1.10 | |
| Apr-18 | 63.80 | 2.23 | 2.12 | 5.36 | 12.98 | 4.36 | 0.95 | 76378 |
| May-18 | 63.73 | 2.27 | 2.13 | 6.78 | 13.80 | 4.40 | 0.94 | 75302 |
| Jun-18 | 63.63 | 2.24 | 2.23 | 6.57 | 14.41 | 4.47 | 0.99 | 66194 |
| Jul-18 | 63.36 | 2.46 | 2.32 | 9.01 | 13.89 | 4.77 | 0.94 | 51977 |
| Aug-18 | 63.75 | 2.16 | 1.94 | 7.76 | 14.65 | 4.10 | 0.90 | 89996 |
| Sep-18 | 63.74 | 2.11 | 2.15 | 11.85 | 16.17 | 4.26 | 1.02 | 57629 |
| Oct-18 | 63.53 | 2.28 | 2.20 | 13.65 | 15.47 | 4.48 | 0.96 | 79592 |
| Nov-18 | 63.54 | 2.25 | 2.29 | 14.26 | 15.63 | 4.54 | 1.02 | 77665 |
| Dec-18 | 63.46 | 2.53 | 1.95 | 15.59 | 16.08 | 4.48 | 0.77 | 81430 |
| Jan-19 | 63.60 | 2.53 | 1.95 | 15.99 | 16.90 | 4.48 | 0.77 | 85323 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 63.62 | 2.31 | 2.11 | 10.83 | 15.04 | 4.42 | 0.92 | 741486 |

मनोहरपुर

फाईन्स

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|------|-------|-------|-------|-----------|
| Act 17-18 | 63.08 | 2.32 | 2.59 | 4.55 | 31.83 | 4.91 | 1.12 | |
| APP 18-19 | 63.00 | 2.40 | 2.60 | 5.00 | 40.00 | 5.00 | 1.08 | |
| Apr-18 | | | | | | | | |
| May-18 | 63.48 | 2.18 | 2.55 | 4.35 | 29.58 | 4.73 | 1.17 | 18163 |
| Jun-18 | 63.21 | 2.81 | 2.33 | 5.15 | 38.40 | 5.14 | 0.83 | 33712 |
| Jul-18 | 63.20 | 2.42 | 2.39 | 5.31 | 30.66 | 4.81 | 0.99 | 30698 |
| Aug-18 | 62.98 | 2.47 | 2.54 | 5.13 | 30.38 | 5.01 | 1.03 | 19028 |
| Sep-18 | 62.97 | 2.89 | 2.17 | 5.87 | 32.36 | 5.07 | 0.75 | 26572 |
| Oct-18 | 63.25 | 2.16 | 2.38 | 6.00 | 33.02 | 4.54 | 1.10 | 29959 |
| Nov-18 | 63.15 | 2.40 | 2.60 | 4.78 | 30.41 | 5.00 | 1.08 | 39390 |
| Dec-18 | 62.56 | 3.28 | 2.38 | 5.92 | 34.32 | 5.65 | 0.72 | 50436 |
| Jan-19 | 62.90 | 2.85 | 2.47 | 4.84 | 34.05 | 5.32 | 0.87 | 37545 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 63.03 | 2.68 | 2.42 | 5.32 | 32.95 | 5.09 | 0.90 | 285503 |

काल्टा

फाईन्स

| | Fe | SiO2 | Al2O3 | OS | US | Al+Si | Al/Si | PLANT RCT |
|-----------|-------|------|-------|------|-------|-------|-------|-----------|
| Act 17-18 | 63.09 | 2.30 | 2.19 | 6.89 | 29.41 | 4.50 | 0.95 | |
| APP 18-19 | 63.00 | 2.40 | 2.50 | 5.00 | 40.00 | 4.90 | 1.04 | |
| Apr-18 | 63.16 | 2.03 | 1.69 | 5.00 | 33.50 | 3.72 | 0.83 | 93661 |
| May-18 | 63.04 | 2.55 | 2.18 | 6.02 | 26.52 | 4.73 | 0.86 | 73217 |
| Jun-18 | 63.11 | 2.49 | 2.57 | 4.37 | 30.44 | 5.05 | 1.03 | 60728 |
| Jul-18 | 62.98 | 2.42 | 2.52 | 6.88 | 33.00 | 4.94 | 1.04 | 14815 |
| Aug-18 | 62.73 | 3.00 | 1.90 | | | 4.90 | 0.63 | 42742 |
| Sep-18 | 63.14 | 2.25 | 2.24 | 5.48 | 30.00 | 4.49 | 1.00 | 58302 |
| Oct-18 | 63.18 | 2.24 | 2.28 | 4.83 | 30.63 | 4.52 | 1.02 | 73882 |
| Nov-18 | 62.90 | 2.49 | 2.37 | 6.87 | 38.56 | 4.86 | 0.95 | 72362 |
| Dec-18 | 63.19 | 2.50 | 2.00 | 4.37 | 29.49 | 4.49 | 0.80 | 77297 |
| Jan-19 | 63.00 | 2.62 | 1.96 | | | 4.58 | 0.75 | 68887 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 63.07 | 2.43 | 2.13 | 5.32 | 31.47 | 4.55 | 0.88 | 635893 |

गृणवत्ता :: बोकारो

लम्प

BLEND

| | Fe | SiO ₂ | Al ₂ O ₃ | OS | US | Al+Si | Al/Si | RECPT |
|-----------|-------|------------------|--------------------------------|-------|-------|-------|-------|---------|
| Act 17-18 | 63.19 | 2.73 | 1.86 | 13.54 | 19.96 | 4.58 | 0.68 | 2226628 |
| APP 18-19 | 62.67 | 2.71 | 2.44 | 2.78 | 10.00 | 5.15 | 0.90 | 2700000 |
| Apr-18 | 63.09 | 2.75 | 2.20 | 11.93 | 16.11 | 4.95 | 0.80 | 178066 |
| May-18 | 63.22 | 2.69 | 2.12 | 10.39 | 16.22 | 4.81 | 0.79 | 185906 |
| Jun-18 | 63.02 | 2.73 | 2.36 | 12.99 | 18.16 | 5.08 | 0.86 | 183133 |
| Jul-18 | 62.74 | 3.43 | 1.98 | 12.88 | 20.59 | 5.41 | 0.58 | 201770 |
| Aug-18 | 63.21 | 2.84 | 1.73 | 14.73 | 18.05 | 4.57 | 0.61 | 229223 |
| Sep-18 | 63.09 | 3.00 | 1.76 | 18.02 | 16.58 | 4.75 | 0.59 | 222396 |
| Oct-18 | 63.35 | 2.61 | 1.83 | 15.72 | 14.49 | 4.43 | 0.70 | 177350 |
| Nov-18 | 63.23 | 2.50 | 2.14 | 16.50 | 15.06 | 4.64 | 0.86 | 164898 |
| Dec-18 | 63.15 | 2.45 | 2.18 | 19.56 | 15.55 | 4.62 | 0.89 | 217175 |
| Jan-19 | 62.84 | 2.65 | 2.42 | 20.37 | 14.84 | 5.07 | 0.91 | 196292 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 63.09 | 2.78 | 2.05 | 15.37 | 16.69 | 4.84 | 0.74 | 1956209 |

गृणवत्ता:: दर्गापूर

लम्प

BLEND

| | Fe | SiO ₂ | Al ₂ O ₃ | OS | US | Al+Si | Al/Si | RECPT |
|-----------|-------|------------------|--------------------------------|-------|-------|-------|-------|---------|
| Act 17-18 | 62.74 | 2.51 | 1.82 | 14.21 | 15.62 | 4.33 | 0.72 | 1358966 |
| APP 18-19 | 62.64 | 2.79 | 2.34 | 5.00 | 10.00 | 5.13 | 0.84 | 1750000 |
| Apr-18 | 63.14 | 2.10 | 1.85 | 25.66 | 13.33 | 3.95 | 0.88 | 110875 |
| May-18 | 62.85 | 2.37 | 1.62 | 17.95 | 16.08 | 3.99 | 0.68 | 136826 |
| Jun-18 | 62.56 | 2.37 | 1.97 | 18.69 | 16.94 | 4.34 | 0.83 | 140140 |
| Jul-18 | 62.56 | 2.75 | 1.71 | 17.04 | 16.16 | 4.46 | 0.62 | 107770 |
| Aug-18 | 61.63 | 4.85 | 1.57 | 20.09 | 16.71 | 6.42 | 0.32 | 90545 |
| Sep-18 | 61.59 | 3.88 | 2.07 | 24.46 | 14.24 | 5.95 | 0.53 | 132290 |
| Oct-18 | 61.43 | 3.74 | 2.24 | 28.47 | 10.55 | 5.99 | 0.60 | 122285 |
| Nov-18 | 62.66 | 2.76 | 1.77 | 22.89 | 13.31 | 4.53 | 0.64 | 115050 |
| Dec-18 | 62.86 | 1.97 | 1.73 | 24.01 | 13.94 | 3.70 | 0.88 | 138255 |
| Jan-19 | 62.21 | 2.50 | 2.05 | 24.95 | 16.53 | 4.55 | 0.82 | 80825 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.37 | 2.88 | 1.86 | 22.35 | 14.70 | 4.74 | 0.64 | 1174861 |

गृणवत्ता :: बोकारो

फाईन्स

BLEND

| | Fe | SiO ₂ | Al ₂ O ₃ | OS | US | Al+Si | Al/Si | RECPT |
|-----------|-------|------------------|--------------------------------|------|-------|-------|-------|---------|
| Act 17-18 | 62.33 | 3.35 | 2.41 | 6.13 | 33.98 | 5.76 | 0.72 | 3910390 |
| APP 18-19 | 62.38 | 3.15 | 2.72 | 5.45 | 31.74 | 5.87 | 0.86 | 4200000 |
| Apr-18 | 62.10 | 3.38 | 2.79 | 6.73 | 31.85 | 6.17 | 0.82 | 270674 |
| May-18 | 61.94 | 3.57 | 2.91 | 6.05 | 34.23 | 6.48 | 0.82 | 332918 |
| Jun-18 | 62.21 | 3.51 | 2.70 | 5.70 | 33.43 | 6.21 | 0.77 | 424539 |
| Jul-18 | 62.12 | 3.66 | 2.66 | 6.24 | 34.27 | 6.32 | 0.73 | 332728 |
| Aug-18 | 61.90 | 3.84 | 2.34 | 6.80 | 33.48 | 6.17 | 0.61 | 340269 |
| Sep-18 | 62.00 | 3.82 | 2.47 | 7.10 | 33.22 | 6.29 | 0.65 | 448034 |
| Oct-18 | 61.98 | 3.65 | 2.71 | 6.43 | 33.50 | 6.36 | 0.74 | 290106 |
| Nov-18 | 61.86 | 3.56 | 2.99 | 6.63 | 34.33 | 6.56 | 0.84 | 340931 |
| Dec-18 | 62.24 | 3.54 | 2.45 | 6.71 | 31.45 | 5.99 | 0.69 | 349449 |
| Jan-19 | 61.75 | 3.76 | 2.93 | 6.46 | 33.39 | 6.69 | 0.78 | 324747 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.02 | 3.63 | 2.69 | 6.48 | 33.33 | 6.32 | 0.74 | 3454395 |

गृणवत्ता:: दर्गापूर

फाईन्स

BLEND

| | Fe | SiO ₂ | Al ₂ O ₃ | OS | US | Al+Si | Al/Si | RECPT |
|-----------|-------|------------------|--------------------------------|------|-------|-------|-------|---------|
| Act 17-18 | 63.34 | 2.62 | 1.97 | 4.27 | 46.20 | 4.59 | 0.75 | 2405030 |
| APP 18-19 | 62.50 | 2.90 | 2.80 | 5.00 | 33.65 | 5.70 | 0.97 | 2520000 |
| Apr-18 | 62.99 | 2.55 | 2.33 | 4.62 | 44.88 | 4.88 | 0.91 | 247845 |
| May-18 | 62.56 | 3.06 | 2.44 | 3.34 | 45.68 | 5.49 | 0.80 | 242803 |
| Jun-18 | 62.46 | 2.89 | 2.57 | 3.80 | 45.47 | 5.46 | 0.89 | 203905 |
| Jul-18 | 62.48 | 3.47 | 2.45 | 3.42 | 44.30 | 5.92 | 0.71 | 221715 |
| Aug-18 | 63.11 | 3.53 | 1.86 | 3.16 | 47.97 | 5.39 | 0.53 | 232830 |
| Sep-18 | 63.36 | 3.23 | 1.72 | 5.80 | 46.18 | 4.94 | 0.53 | 197990 |
| Oct-18 | 62.89 | 2.91 | 2.22 | 5.78 | 41.68 | 5.13 | 0.76 | 249710 |
| Nov-18 | 62.32 | 3.54 | 2.61 | 4.74 | 44.68 | 6.14 | 0.74 | 230815 |
| Dec-18 | 62.67 | 2.72 | 2.57 | 5.45 | 43.15 | 5.30 | 0.95 | 221975 |
| Jan-19 | 62.21 | 3.03 | 2.81 | 7.32 | 43.23 | 5.83 | 0.93 | 165005 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.72 | 3.09 | 2.35 | 4.66 | 44.73 | 5.44 | 0.76 | 2214593 |

गुणवत्ता :: राउरकेला

BLEND

लम्प

| | Fe | SiO ₂ | Al ₂ O ₃ | OS | US | Al+Si | Al/Si | RECPT |
|-----------|-------|------------------|--------------------------------|-------|-------|-------|-------|---------|
| Act 17-18 | 62.85 | 2.65 | 2.40 | 12.86 | 18.96 | 5.04 | 0.90 | 2119274 |
| APP 18-19 | 62.78 | 2.51 | 2.44 | 1.73 | 10.00 | 4.95 | 0.97 | 2400000 |
| Apr-18 | 63.13 | 2.76 | 2.42 | 13.59 | 15.87 | 5.18 | 0.88 | 175284 |
| May-18 | 63.12 | 2.60 | 2.63 | 9.97 | 17.08 | 5.23 | 1.01 | 182615 |
| Jun-18 | 63.09 | 2.67 | 2.56 | 11.44 | 18.20 | 5.22 | 0.96 | 171284 |
| Jul-18 | 62.85 | 2.91 | 2.69 | 10.76 | 21.64 | 5.60 | 0.93 | 195513 |
| Aug-18 | 62.59 | 3.37 | 2.63 | 10.60 | 21.24 | 6.00 | 0.78 | 201945 |
| Sep-18 | 62.62 | 3.10 | 2.79 | 13.40 | 19.77 | 5.89 | 0.90 | 170202 |
| Oct-18 | 62.63 | 2.67 | 3.25 | 16.12 | 19.87 | 5.92 | 1.22 | 213013 |
| Nov-18 | 62.73 | 2.96 | 2.81 | 16.02 | 19.41 | 5.77 | 0.95 | 217041 |
| Dec-18 | 62.84 | 3.19 | 2.35 | 17.29 | 19.98 | 5.55 | 0.74 | 250822 |
| Jan-19 | 62.92 | 3.18 | 2.27 | 19.07 | 18.74 | 5.45 | 0.72 | 225365 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.84 | 2.96 | 2.64 | 14.08 | 19.25 | 5.59 | 0.89 | 2003084 |

गुणवत्ता :: राउरकेला

BLEND

फाईन्स

| | Fe | SiO ₂ | Al ₂ O ₃ | OS | US | Al+Si | Al/Si | RECPT |
|-----------|-------|------------------|--------------------------------|------|-------|-------|-------|---------|
| Act 17-18 | 62.30 | 2.95 | 2.47 | | | 5.42 | 0.84 | 3512612 |
| APP 18-19 | 62.47 | 3.00 | 2.68 | 5.12 | 33.33 | 5.68 | 0.89 | 4050000 |
| Apr-18 | 62.57 | 2.67 | 2.41 | | | 5.08 | 0.90 | 300665 |
| May-18 | 62.42 | 2.81 | 2.72 | | | 5.53 | 0.97 | 304916 |
| Jun-18 | 62.33 | 2.93 | 2.74 | | | 5.67 | 0.94 | 304241 |
| Jul-18 | 62.07 | 3.12 | 2.89 | | | 6.02 | 0.93 | 279406 |
| Aug-18 | 61.97 | 3.63 | 2.51 | | | 6.14 | 0.69 | 230896 |
| Sep-18 | 62.10 | 3.29 | 2.68 | | | 5.97 | 0.82 | 319089 |
| Oct-18 | 61.98 | 3.34 | 2.80 | | | 6.13 | 0.84 | 494909 |
| Nov-18 | 62.13 | 3.22 | 2.73 | | | 5.96 | 0.85 | 435220 |
| Dec-18 | 62.20 | 3.41 | 2.42 | | | 5.83 | 0.71 | 320436 |
| Jan-19 | 62.27 | 3.37 | 2.36 | | | 5.73 | 0.70 | 357843 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.20 | 3.18 | 2.64 | | | 5.82 | 0.83 | 3347621 |

गुणवत्ता :: बर्नपूर इस्पात संयंत्र

BLEND

लम्प

| | Fe | SiO ₂ | Al ₂ O ₃ | OS | US | Al+Si | Al/Si | RECPT |
|-----------|-------|------------------|--------------------------------|-------|-------|-------|-------|---------|
| Act 17-18 | 62.64 | 2.79 | 2.97 | 18.42 | 4.74 | 5.76 | 1.07 | 770640 |
| APP 18-19 | 62.67 | 2.75 | 2.35 | 3.85 | 10.00 | 5.10 | 0.85 | 1300000 |
| Apr-18 | 63.43 | 2.14 | 1.87 | 22.60 | 0.98 | 4.01 | 0.88 | 107100 |
| May-18 | 62.96 | 2.67 | 2.36 | 15.93 | 0.66 | 5.03 | 0.89 | 89681 |
| Jun-18 | 63.42 | 2.49 | 2.14 | 19.02 | 1.14 | 4.62 | 0.86 | 131010 |
| Jul-18 | 62.58 | 4.38 | 1.66 | 15.91 | 4.29 | 6.04 | 0.38 | 89222 |
| Aug-18 | 62.96 | 3.67 | 1.44 | 20.29 | 1.18 | 5.11 | 0.39 | 95340 |
| Sep-18 | 62.76 | 3.45 | 1.99 | 20.38 | 1.05 | 5.44 | 0.57 | 34888 |
| Oct-18 | 62.25 | 5.14 | 1.56 | 40.77 | 1.53 | 6.71 | 0.30 | 73082 |
| Nov-18 | 62.24 | 4.11 | 2.60 | 25.50 | 4.79 | 6.71 | 0.63 | 58541 |
| Dec-18 | 63.05 | 2.63 | 2.39 | 19.51 | 1.42 | 5.02 | 0.91 | 117293 |
| Jan-19 | 63.03 | 2.88 | 2.41 | 33.97 | 3.49 | 5.30 | 0.84 | 141720 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.96 | 3.18 | 2.06 | 23.44 | 2.02 | 5.24 | 0.65 | 937877 |

गुणवत्ता :: बर्नपूर इस्पात संयंत्र

BLEND

फाईन्स

| | Fe | SiO ₂ | Al ₂ O ₃ | OS | US | Al+Si | Al/Si | RECPT |
|-----------|-------|------------------|--------------------------------|------|-------|-------|-------|---------|
| Act 17-18 | 62.59 | 3.13 | 3.39 | 6.41 | 45.97 | 6.52 | 1.08 | 2530484 |
| APP 18-19 | 62.42 | 3.06 | 2.77 | 5.00 | 35.71 | 5.83 | 0.91 | 3150000 |
| Apr-18 | 62.39 | 3.07 | 3.07 | 6.97 | 47.99 | 6.14 | 1.00 | 254580 |
| May-18 | 62.06 | 3.73 | 2.81 | 5.42 | 46.35 | 6.54 | 0.75 | 197300 |
| Jun-18 | 62.33 | 3.35 | 2.94 | 5.92 | 49.14 | 6.29 | 0.88 | 246940 |
| Jul-18 | 62.52 | 3.84 | 2.54 | 7.01 | 41.65 | 6.38 | 0.66 | 218928 |
| Aug-18 | 62.58 | 4.21 | 2.03 | 7.49 | 42.02 | 6.24 | 0.48 | 208980 |
| Sep-18 | 63.37 | 3.34 | 2.02 | 5.27 | 47.26 | 5.36 | 0.60 | 112640 |
| Oct-18 | 63.30 | 3.40 | 2.05 | 5.66 | 45.93 | 5.45 | 0.60 | 155026 |
| Nov-18 | 61.65 | 4.48 | 3.01 | 6.95 | 42.99 | 7.49 | 0.67 | 245670 |
| Dec-18 | 62.20 | 3.76 | 3.03 | 6.88 | 39.34 | 6.79 | 0.81 | 288871 |
| Jan-19 | 62.02 | 2.82 | 3.21 | 4.84 | 46.41 | 6.03 | 1.13 | 288479 |
| Feb-19 | | | | | | | | |
| Mar-19 | | | | | | | | |
| CUMML | 62.34 | 3.59 | 2.76 | 6.30 | 44.61 | 6.36 | 0.77 | 2217414 |

गुणवत्ता :: बोकारो इस्पात संयं

तुलसीदामर

BF DOLOMITE

| | CaO | MgO | SiO2 | OS | US |
|-----------|-------|-------|------|------|-------|
| Act 17-18 | 29.75 | 18.89 | 5.47 | 5.92 | 9.88 |
| APP 18-19 | 30.00 | 18.00 | 5.00 | 5.00 | 10.00 |
| Apr-18 | 30.21 | 19.92 | 4.98 | 3.75 | 9.00 |
| May-18 | 30.72 | 21.94 | 4.91 | 4.10 | 8.80 |
| Jun-18 | 29.98 | 20.21 | 5.00 | 4.18 | 8.72 |
| Jul-18 | 31.13 | 20.53 | 4.95 | 4.60 | 8.58 |
| Aug-18 | 27.42 | 18.74 | 5.16 | 4.55 | 9.33 |
| Sep-18 | 28.35 | 19.25 | 4.15 | 6.43 | 10.15 |
| Oct-18 | 28.08 | 17.67 | 5.30 | 9.50 | 9.10 |
| Nov-18 | 29.78 | 17.64 | 5.12 | 4.55 | 9.20 |
| Dec-18 | 27.48 | 17.71 | 4.76 | 4.81 | 9.18 |
| Jan-19 | 25.21 | 16.40 | 6.75 | 4.50 | 8.95 |
| Feb-19 | | | | | |
| Mar-19 | | | | | |
| CUMML | 28.74 | 18.86 | 5.12 | 5.15 | 9.06 |

कुटेश्वर

BF LIMESTONE

| | CaO | MgO | SiO ₂ | OS | US |
|-----------|-------|------|------------------|------|-------|
| Act 17-18 | 45.56 | 2.57 | 3.33 | 4 | 26.14 |
| APP 18-19 | 50.00 | 2.25 | 3.50 | 5.00 | 5.00 |
| Apr-18 | 42.91 | 2.30 | 3.68 | 2.76 | 22.73 |
| May-18 | 44.76 | 1.87 | 3.58 | 6.33 | 25.83 |
| Jun-18 | 44.49 | 2.25 | 3.66 | 4.48 | 25.17 |
| Jul-18 | 45.60 | 2.29 | 3.74 | 4.66 | 25.57 |
| Aug-18 | 45.57 | 2.23 | 3.38 | 4.49 | 24.05 |
| Sep-18 | 42.78 | 2.58 | 3.54 | 9.06 | 24.11 |
| Oct-18 | 43.51 | 2.76 | 3.91 | 6.99 | 27.05 |
| Nov-18 | 40.65 | 3.73 | 3.63 | 7.71 | 22.66 |
| Dec-18 | 42.87 | 2.72 | 3.43 | 8.63 | 18.01 |
| Jan-19 | 43.10 | 2.31 | 3.29 | 9.30 | 17.57 |
| Feb-19 | | | | | |
| Mar-19 | | | | | |
| CUMML | 43.76 | 2.54 | 3.59 | 6.43 | 23.45 |

गुणवत्ता :: भिलाई इस्पात संयं

तुलसीदामर

BF DOLOMITE

| | CaO | MgO | SiO2 | OS | US |
|-----------|-------|-------|------|-------|-------|
| Act 17-18 | | | | | |
| APP 18-19 | 30.00 | 18.00 | 5.00 | 5.00 | 10.00 |
| Apr-18 | 28.09 | 17.42 | 9.29 | 34.78 | 11.20 |
| May-18 | 28.90 | 17.95 | 7.33 | 34.68 | 10.43 |
| Jun-18 | 28.61 | 17.77 | 7.86 | 34.05 | 7.85 |
| Jul-18 | 29.12 | 17.13 | 8.52 | 34.70 | 9.55 |
| Aug-18 | 28.20 | 17.66 | 8.66 | 35.16 | 9.58 |
| Sep-18 | 27.14 | 17.80 | 9.67 | 31.00 | 7.80 |
| Oct-18 | 28.61 | 18.33 | 7.22 | 38.60 | 9.75 |
| Nov-18 | 28.45 | 18.52 | 6.81 | 28.60 | 9.10 |
| Dec-18 | 29.17 | 17.48 | 7.52 | 34.24 | 8.65 |
| Jan-19 | 28.94 | 17.79 | 7.60 | 29.25 | 8.13 |
| Feb-19 | | | | | |
| Mar-19 | | | | | |
| CUMML | 28.62 | 17.65 | 8.16 | 33.92 | 9.21 |

कुटेश्वर

BF LST

| | CaO | MgO | SiO2 | OS | US |
|-----------|-------|------|------|-------|-------|
| Act 17-18 | 50.40 | 1.89 | 3.64 | 7.16 | 18.33 |
| APP 18-19 | 50.00 | 2.25 | 3.50 | 5.00 | 5.00 |
| Apr-18 | 50.02 | 2.09 | 3.95 | 6.95 | 19.72 |
| May-18 | 49.99 | 2.26 | 3.92 | 8.40 | 16.81 |
| Jun-18 | 49.79 | 2.30 | 4.02 | 8.05 | 21.79 |
| Jul-18 | 49.35 | 2.65 | 3.87 | 9.43 | 18.85 |
| Aug-18 | 50.08 | 2.20 | 3.80 | 8.70 | 18.40 |
| Sep-18 | 50.40 | 1.80 | 3.80 | 11.00 | 16.67 |
| Oct-18 | 49.51 | 2.40 | 4.12 | 8.98 | 20.18 |
| Nov-18 | 48.63 | 2.88 | 4.33 | 9.86 | 20.61 |
| Dec-18 | 49.57 | 2.45 | 3.91 | 11.20 | 17.90 |
| Jan-19 | 50.12 | 2.09 | 3.71 | 9.57 | 16.09 |
| Feb-19 | | | | | |
| Mar-19 | | | | | |
| CUMML | 49.79 | 1.89 | 3.64 | 7.16 | 18.33 |

| PROJ. NO. | CUMM. UTILIS. UPTO Jan '19 | MAKE / TYPE | CAP | DATE OF COMMISSION | JANUARY 2019 | | | | | | | | | | 2018-19 | | | | | | | | | | |
|---------------------------------------|----------------------------------|-------------------|----------|-----------------------|--------------|-------------|--------------|--------------|--------------|-------|-------|------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|-------|------|------------|--------------|------------|-------|
| | | | | | SCH. HRS. | B/D HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% | NET UT% | FEED RATE | HSD/ HR | SCH. HRS. | B/D HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% | NET UT% | FEED RATE | HSD/ HR | |
| EXCAVATORS [3] | | | | | | | | | | | | | | | | | | | | | | | | | |
| EX-20 | 24605 | KOMATSU PC2000-8 | 9.5 CU.M | 17-Feb-12 | 620 | 64 | 320 | 556 | 236 | 89.7 | 42.4 | 38.1 | 4.22 | 53.2 | 6120 | 225 | 3528 | 5895 | 2367 | 96.3 | 40.2 | 38.7 | 5.03 | 55.66 | |
| EX-22 | 13614 | KOMATSU PC2000-8 | 9.5 CU.M | 11-Aug-15 | 620 | 4 | 207 | 616 | 409 | 99.4 | 66.4 | 66.0 | 5.75 | 60.8 | 6120 | 583 | 2661 | 5537 | 2876 | 90.5 | 51.9 | 47.0 | 5.12 | 60.47 | |
| EX-23 | 14414 | KOMATSU PC2000-8 | 9.5 CU.M | 28-Sep-15 | 620 | | 372 | 620 | 248 | 100.0 | 40.0 | 40.0 | 6.67 | 70.2 | 6120 | 112 | 2533 | 6009 | 3476 | 98.2 | 57.9 | 56.8 | 5.26 | 60.82 | |
| *EX-19 shifted to MIOM during July 16 | | | | | TOTAL | 1860 | 68 | 899 | 1792 | 893 | 96.3 | 49.8 | 48.0 | 5.60 | 61.4 | 18360 | 920 | 8722 | 17441 | 8719 | 95.0 | 50.0 | 47.5 | 5.15 | 59.30 |
| DUMPERS [8] | | | | | | | | | | | | | | | | | | | | | | | | | |
| DUM-87 | 13416 | BEML,BH-85 | 85Te | 30-Mar-08 | 620 | 428 | 157 | 192 | 35 | 30.97 | 18.23 | 5.65 | 2.76 | 20.00 | 4280 | 4088 | 157 | 192 | 35 | 4.5 | 18.2 | 0.8 | 2.76 | 20.00 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| DUM 88 | 29140 | KOMATSU HD785-7 | 100 Te | 23-Jul-10 | 620 | 80 | 241 | 540 | 299 | 87.10 | 55.37 | 48.23 | 3.72 | 39.97 | 6120 | 3173 | 1104 | 2947 | 1843 | 48.2 | 62.5 | 30.1 | 3.46 | 46.15 | |
| DUM 89 | 33551 | KOMATSU HD785-7 | 100Te | 23-Jul-10 | 620 | 88 | 258 | 532 | 274 | 85.81 | 51.50 | 44.19 | 3.28 | 40.88 | 6120 | 898 | 2013 | 5222 | 3209 | 85.3 | 61.5 | 52.4 | 3.51 | 47.09 | |
| DUM-91 | 18341 | CAT 777D | 100T | 2-Feb-12 | 620 | 620 | | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6120 | 2960 | 1957 | 3160 | 1203 | 51.6 | 38.1 | 19.7 | 3.43 | 49.16 | |
| DUM-92 | 20457 | CAT 777D | 100T | 2-Feb-12 | 620 | 620 | | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6120 | 2987 | 1872 | 3133 | 1261 | 51.2 | 40.2 | 20.6 | 3.48 | 41.20 | |
| DUM-93 | 7615 | BEML BH-100 | 100T | 2-May-15 | 620 | 29 | 240 | 591 | 351 | 95.32 | 59.39 | 56.61 | 3.53 | 40.74 | 6120 | 1992 | 2333 | 4128 | 1795 | 67.5 | 43.5 | 29.3 | 3.61 | 50.06 | |
| DUM-94 | 6064 | BEML BH-100 | 100T | 2-May-15 | 620 | 32 | 441 | 588 | 147 | 94.84 | 25.00 | 23.71 | 5.94 | 45.92 | 6120 | 750 | 3667 | 5370 | 1703 | 87.7 | 31.7 | 27.8 | 3.59 | 50.08 | |
| DUM-95 | 4892 | BEML BH-100S | 100T | May 2016 | 620 | 34 | 414 | 586 | 172 | 94.52 | 29.35 | 27.74 | 4.63 | 44.19 | 6120 | 525 | 4221 | 5595 | 1374 | 91.4 | 24.6 | 22.5 | 4.26 | 54.88 | |
| | | | | | TOTAL | 4340 | 1503 | 1594 | 2837 | 1243 | 65.37 | 43.81 | 28.64 | 3.96 | 41.67 | 42840 | 13285 | 17167 | 29555 | 12388 | 69.0 | 41.9 | 28.9 | 3.60 | 48.25 |
| DRILL [4] | | | | | | | | | | | | | | | | | | | | | | | | | |
| DM-17 | 22522 | IR-ROTACOL-IDM-30 | 160mm | 24-Mar-05 | 496 | 150 | 300 | 346 | 46 | 69.76 | 13.29 | 9.27 | 5.85 | 42.39 | 4896 | 2419 | 1889 | 2477 | 588 | 50.6 | 23.7 | 12.0 | 9.02 | 35.37 | |
| DM-18 | 25733 | AC-ROTACOL-IDM-30 | 160mm | 19-May-08 | 496 | 217 | 150 | 279 | 129 | 56.25 | 46.24 | 26.01 | 8.50 | 22.48 | 4896 | 2031 | 1679 | 2865 | 1186 | 58.5 | 41.4 | 24.2 | 11.08 | 24.33 | |
| DM-19 | 18828 | AC-ROTACOL-IDM-30 | 160mm | 14-Oct-09 | 496 | 496 | | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4896 | 4896 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | |
| DM-20 | 9998 | AC-ROTACOL-IDM-30 | 160mm | Oct '14 | 496 | 64 | 242 | 432 | 191 | 87.10 | 44.10 | 38.41 | 10.35 | 24.93 | 4896 | 722 | 1915 | 4174 | 2260 | 85.3 | 54.1 | 46.1 | 10.78 | 22.99 | |
| | | | | | TOTAL | 1984 | 927 | 692 | 1057 | 366 | 53.28 | 34.58 | 18.42 | 9.13 | 26.27 | 19584 | 10068 | 5483 | 9516 | 4034 | 48.6 | 42.4 | 20.6 | 10.61 | 25.19 |
| DOZER [7] | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOZ-27 | 33570 | BEML, D-355 | 410HP | 15-May-01 | | | | 0 | 0 | 0.00 | 0.00 | 0.00 | | 0.00 | 3904 | 3904 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | |
| DOZ-28 | 26491 | BEML, D-355 | 410HP | 14-May-04 | | | | 0 | 0 | 0.00 | 0.00 | 0.00 | | 0.00 | 4400 | 2667 | 1307 | 1733 | 426 | 39.4 | 24.6 | 9.7 | | 30.14 | |
| DOZ-29 | 18180 | BEML, D-355 | 410HP | 11-Jun-04 | 496 | 496 | | 0 | 0 | 0.00 | 0.00 | 0.00 | | 0.00 | 4400 | 4400 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | |
| DOZ-30 | 21738 | BEML, D-355 | 410HP | 8-Jul-07 | 496 | 190 | 276 | 306 | 30 | 61.69 | 9.80 | 6.05 | | 25.00 | 4896 | 708 | 3453 | 4188 | 736 | 85.5 | 17.6 | 15.0 | | 32.97 | |
| DOZ-31 | 19750 | BEML, D-355 | 410 HP | 19-Feb-09 | 496 | 386 | 59 | 110 | 51 | 22.18 | 46.36 | 10.28 | | 24.51 | 4896 | 1650 | 2293 | 3246 | 954 | 66.3 | 29.4 | 19.5 | | 36.56 | |
| DOZ-32 | 6518 | BEML, D-355 | 410 HP | 17-Apr-15 | 496 | 124 | 285 | 372 | 87 | 75.00 | 23.39 | 17.54 | | 37.36 | 4896 | 2597 | 1447 | 2299 | 852 | 47.0 | 37.1 | 17.4 | | 39.94 | |
| DOZ-33 | 3898 | BEML, D-356 | 410HP | 22-Sep-17 | 496 | 11 | 184 | 485 | 301 | 97.78 | 62.06 | 60.69 | | 40.20 | 4896 | 276 | 1967 | 4620 | 2653 | 94.4 | 57.4 | 54.2 | | 37.32 | |
| DOZ-34 | 237 | BEML, D-356 | 410HP | 31-Dec-18 | 496 | 1 | 258 | 495 | 237 | 99.80 | 47.88 | 47.78 | | 32.91 | 496 | 1 | 258 | 495 | 237 | 99.8 | 47.9 | 47.8 | | 35.02 | |
| | | | | | TOTAL | 2976 | 1208 | 1062 | 1768 | 706 | 59.41 | 39.93 | 23.72 | | 35.62 | 32784 | 16203 | 10724 | 16581 | 5857 | 50.6 | 35.3 | 17.9 | | 36.41 |
| PAY LOADER [1] | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEL-4 | 11605 | KOMATSU WA-470-3 | 2.9 CU.M | 16-Jan-09 | 248 | 16 | 123 | 232 | 109 | 93.55 | 46.98 | 43.95 | | 25.23 | 2448 | 144 | 1219 | 2305 | 1086 | 94.1 | 47.1 | 44.3 | | 21.51 | |
| MOTOR GRADER [3] | | | | | | | | | | | | | | | | | | | | | | | | | |
| MG-6 | 118 | BEML, GD-605R2 | 145 HP | 9-Oct-87 | | | | 0 | 0 | 0.00 | 0.00 | 0.00 | | 0.00 | 976 | 180 | 678 | 796 | 118 | 81.6 | 14.8 | 12.1 | | 35.59 | |
| MG-7 | 6322 | BEML, BG 825 | 280HP | 10-Jul-91 | 248 | 248 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | | 0.00 | 2448 | 2448 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | |
| MG-8 | 3041 | BEML, BG825 | 280HP | 19-May-12 | 248 | 24 | 159 | 224 | 65 | 90.32 | 29.02 | 26.21 | | 17.69 | 2448 | 2013 | 284 | 435 | 151 | 17.8 | 34.7 | 6.2 | | 24.50 | |
| | | | | | TOTAL | 496 | 272 | 159 | 224 | 65 | 45.16 | 29.02 | 13.10 | | 17.69 | 5872 | 4641 | 962 | 1231 | 269 | 21.0 | 21.9 | 4.6 | | 29.37 |
| WATER TANKER [2] | | | | | | | | | | | | | | | | | | | | | | | | | |
| WT-83 | 20703 | BEML, WS-28-2 | 28KL | 21-Mar-05 | 620 | 166 | 375 | 454 | 79 | 73.23 | 17.40 | 12.74 | | 32.91 | 6120 | 1709 | 3549 | 4412 | 863 | 72.1 | 19.6 | 14.1 | | 27.39 | |
| WT-90 | 12967 | BEML, WS-28-2 | 28KL | Mar '11 | 620 | 209 | 328 | 411 | 84 | 66.29 | 20.32 | 13.47 | | 26.35 | 6120 | 4092 | 1434 | 2028 | 594 | 33.1 | 29.3 | 9.7 | | 27.66 | |
| | | | | | TOTAL | 1240 | 375 | 703 | 865 | 163 | 69.76 | 18.79 | 13.10 | | 29.54 | 12840 | 6401 | 4983 | 6440 | 1457 | 50.2 | 22.6 | 11.3 | | 27.50 |

MEGHAHATUBURU IRON ORE MINES

| PROJ. NO. | CUMM. UTILIS. UPTO Jan'19 | MAKE / TYPE | CAPACITY | DATE OF COMM | January'2019 | | | | | | | | | | 2018-2019 | | | | | | | | | | |
|----------------------------|---------------------------|-------------|----------|--------------|--------------|-----------|-----------|-----------|-----------|-----|---------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-------|---------|-----------|--------|---------|--|
| | | | | | SCH. HRS. | DOWN HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | NET UT% | OPRN UT % | FEED RATE | HSD/H R | SCH. HRS. | B/D HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% net | Oprn UT % | F/RATE | HSD/H R | |
| EXCAVATORS 4.5 CUM. | | | | | | | | | | | | | | | | | | | | | | | | | |
| BE-11 | 36681 | BEML | 4.5 CUM | 30-09-2005 | 744 | 644 | 48 | 100 | 53 | 13 | 7 | 53 | 0.9 | 27 | 7344 | 4873 | 1881 | 2472 | 591 | 33.65 | 8.05 | 23.91 | 1.9 | 25 | |
| EXCAVATORS 9.5 CUM. | | | | | | | | | | | | | | | | | | | | | | | | | |
| PC-14 | 30870 | KOMATSU | 9.5 CUM | 20-01-2012 | 744 | 288 | 191 | 456 | 265 | 61 | 36 | 58 | 14.5 | 89 | 7344 | 2682 | 1905 | 4662 | 2757 | 63.48 | 37.54 | 59.14 | 12.0 | 82 | |
| PC-17 | 15437 | KOMATSU | 9.5 CUM | 24-07-2015 | 744 | 345 | 123 | 399 | 276 | 54 | 37 | 69 | 14.3 | 88 | 7344 | 1937 | 2036 | 5407 | 3371 | 73.62 | 45.90 | 62.35 | 12.5 | 82 | |
| PC-18 | 28713 | KOMATSU | 9.5 CUM | 11-07-2016 | 744 | 122 | 270 | 623 | 353 | 84 | 47 | 57 | 14.5 | 15 | 7344 | 2184 | 2068 | 5161 | 3093 | 70.27 | 42.12 | 59.94 | 11.6 | 74 | |
| | | | Total | TOTAL | 2232 | 755 | 584 | 1478 | 894 | 66 | 40 | 61 | 14.5 | 59 | 22032 | 6803 | 6009 | 15230 | 9221 | 69.12 | 41.85 | 60.55 | 12.1 | 79 | |
| DUMPER,50 TE | | | | | | | | | | | | | | | | | | | | | | | | | |
| D - 49 | 28056.5 | BEML | 50 TON | 05-03-2007 | 744 | 716 | 13 | 28 | 15 | 4 | 2 | 54 | 1.3 | 33 | 7344 | 4517 | 2374 | 2827 | 454 | 38.49 | 6.18 | 16.04 | 2.3 | 26 | |
| D - 50 | 23971 | BEML | 50 TON | 15-04-2007 | 744 | 744 | | | | | | | | | 7344 | 7314 | 14 | 30 | 16 | 0.41 | 0.22 | 53.33 | 1.0 | 19 | |
| | | | Total | TOTAL | 1488 | 1460 | 13 | 28 | 15 | 2 | 1 | 54 | 1.3 | 33 | 14688 | 11831 | 2388 | 2857 | 470 | 19.45 | 3.20 | 16.43 | 2.2 | 26 | |
| DUMPER,100 TE | | | | | | | | | | | | | | | | | | | | | | | | | |
| D - 51 | 28627.5 | KOMATSU | 100 TON | 01-09-2010 | 744 | 139 | 224 | 605 | 382 | 81 | 51 | 63 | 4.3 | 37 | 7344 | 2704 | 1634 | 4641 | 3007 | 63.19 | 40.94 | 64.79 | 3.8 | 34 | |
| D - 52 | 30054 | KOMATSU | 100 TON | 01-09-2010 | 744 | 358 | 123 | 386 | 263 | 52 | 35 | 68 | 4.0 | 31 | 7344 | 3039 | 1357 | 4306 | 2949 | 58.63 | 40.16 | 68.49 | 3.6 | 33 | |
| D - 53 | 28690.5 | KOMATSU | 100 TON | 01-09-2010 | 744 | 200 | 206 | 544 | 339 | 73 | 45 | 62 | 3.9 | 33 | 7344 | 4366 | 1093 | 2978 | 1886 | 40.55 | 25.67 | 63.31 | 3.6 | 36 | |
| D - 54 | 15335 | CATER | 100 TON | 06-02-2012 | 744 | 481 | 186 | 263 | 77 | 35 | 10 | 29 | 4.2 | 42 | 7344 | 3820 | 2442 | 3524 | 1082 | 47.98 | 14.73 | 30.70 | 3.6 | 37 | |
| D - 55 | 17651.5 | CATER | 100 TON | 06-02-2012 | 744 | 407 | 237 | 337 | 101 | 45 | 14 | 30 | 3.5 | 36 | 7344 | 2834 | 3080 | 4510 | 1431 | 61.41 | 19.48 | 31.72 | 3.5 | 37 | |
| D - 56 | 7208 | BEML | 100 TON | 09-05-2016 | 744 | 309 | 167 | 435 | 268 | 58 | 36 | 62 | 3.9 | 38 | 7344 | 2422 | 2276 | 4923 | 2647 | 67.03 | 36.04 | 53.77 | | 37 | |
| D - 57 | 7323.5 | BEML | 100 TON | 09-05-2016 | 744 | 257 | 288 | 487 | 200 | 65 | 27 | 41 | 3.8 | 41 | 7344 | 2454 | 2412 | 4891 | 2479 | 66.59 | 33.75 | 50.68 | | 39 | |
| | | | Total | TOTAL | 5208 | 2151 | 1429 | 3057 | 1628 | 59 | 31 | 53 | 4.0 | 36 | 51408 | 21637 | 14292 | 29771 | 15479 | 57.91 | 30.11 | 51.99 | 3.6 | 36 | |
| DRILL | | | | | | | | | | | | | | | | | | | | | | | | | |
| DM - 7 | 23770 | IR | 6 " DIA | 01-04-2005 | 372 | 158 | 29 | 215 | 186 | 58 | 50 | 87 | 4.2 | 34 | 3672 | 2715 | 433 | 958 | 525 | 26.08 | 14.28 | 54.78 | 5.8 | 33 | |
| DM - 8 | 21103 | IR | 6 " DIA | 05-05-2008 | 372 | 60 | 77 | 312 | 235 | 84 | 63 | 75 | 7.6 | 32 | 3672 | 1583 | 588 | 2090 | 1502 | 56.90 | 40.90 | 71.88 | 10.2 | 31 | |
| DM - 9 | 19610 | IR | 6 " DIA | 16-09-2009 | 372 | 130 | 136 | 242 | 106 | 65 | 28 | 44 | 7.5 | 33 | 3672 | 1781 | 595 | 1892 | 1297 | 51.51 | 35.31 | 68.54 | 12.1 | 29 | |
| DM - 10 | 11994 | IR | 6 " DIA | 06-11-2014 | 372 | 98 | 56 | 275 | 219 | 74 | 59 | 80 | 18.8 | 33 | 3672 | 575 | 574 | 3097 | 2523 | 84.34 | 68.71 | 81.47 | 17.2 | 29 | |
| | | | Total | TOTAL | 1488 | 445 | 297 | 1043 | 746 | 70 | 50 | 72 | 10.0 | 33 | 14688 | 6653 | 2190 | 8036 | 5846 | 54.7 | 39.8 | 72.8 | 13.3 | 30 | |
| DOZER | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOZ-23 | 21659 | BEML | 410 HP | 02-10-2008 | 744 | 285 | 277 | 460 | 183 | 62 | 25 | 40 | | 34 | 7344 | 3200 | 2504 | 4144 | 1641 | 56.43 | 22.34 | 39.59 | | 27 | |
| DOZ-24 | 18059 | BEML | 410 HP | 06-04-2010 | 744 | 401 | 245 | 344 | 99 | 46 | 13 | 29 | | 33 | 7344 | 2598 | 2843 | 4747 | 1904 | 64.63 | 25.93 | 40.11 | | 28 | |
| DOZ-25 | 8101 | BEML | 410 HP | 28-12-2010 | 744 | 353 | 384 | 392 | 8 | 53 | 1 | 2 | | 31 | 7344 | 5151 | 1636 | 2194 | 558 | 29.87 | 7.60 | 25.44 | | 29 | |
| DOZ-26 | 16478 | BEML | 410 HP | 16-05-2011 | 744 | 503 | 165 | 241 | 77 | 32 | 10 | 32 | | 29 | 7344 | 3642 | 2490 | 3703 | 1213 | 50.42 | 16.52 | 32.76 | | 27 | |
| DOZ-27 | 9427 | BEML | 410 HP | 28-04-2015 | 744 | 539 | 173 | 205 | 32 | 28 | 4 | 16 | | 31 | 7344 | 5224 | 1173 | 2120 | 947 | 28.87 | 12.89 | 44.67 | | 26 | |
| DOZ-28 | 2384 | BEML | 410HP | 31-03-2018 | 744 | 278 | 276 | 466 | 191 | 63 | 26 | 41 | | 33 | 7344 | 2289 | 2672 | 5055 | 2384 | 68.83 | 32.46 | 47.15 | | 28 | |
| DOZ-29 | 282 | BEML | 410HP | 19-12-2018 | 744 | 181 | 363 | 563 | 200 | 76 | 27 | 36 | | 30 | 1056 | 260 | 514 | 796 | 282 | 75.38 | 26.70 | 35.43 | | 31 | |
| | | | Total | TOTAL | 5208 | 2539 | 1881 | 2670 | 789 | 51 | 15 | 30 | | 32 | 44064 | 22103 | 13316 | 21962 | 8646 | 49.84 | 19.62 | 39.37 | | 27 | |
| BACK HOE | | | | | | | | | | | | | | | | | | | | | | | | | |
| BE-12A | 21613 | BEML | 1.2 CUM | Nov'08 | 744 | 465 | 166 | 279 | 113 | 38 | 15 | 41 | | 25 | 7344 | 3855 | 2353 | 3489 | 1137 | 47.51 | 15.48 | 32.57 | | 23 | |
| HT-15 | 18229 | TCECL | 1.5 CUM | 03-10-2012 | 744 | 327 | 285 | 417 | 133 | 56 | 18 | 32 | | 24 | 7344 | 2976 | 2198 | 4368 | 2170 | 59.48 | 29.55 | 49.68 | 0.2 | 23 | |
| HT-16 | 11761 | TCECL | 1.5 CUM | 01-12-2014 | 744 | 229 | 249 | 515 | 266 | 69 | 36 | 52 | | 23 | 7344 | 3043 | 2178 | 4301 | 2123 | 58.56 | 28.91 | 49.36 | 0.2 | 23 | |
| | | | Total | TOTAL | 2232 | 1021 | 700 | 1211 | 512 | 54 | 23 | 42 | | 24 | 22032 | 9874 | 6729 | 12158 | 5430 | 55.18 | 24.64 | 44.66 | 0.1 | 23 | |
| WATER TANKER | | | | | | | | | | | | | | | | | | | | | | | | | |
| WT - 05 | 18708 | BEML | 28 KL | 15.02.07 | 744 | 336 | 314 | 408 | 95 | 55 | 13 | 23 | | 22 | 7344 | 6474 | 673 | 870 | 197 | 11.85 | 2.68 | 22.64 | | 24 | |
| WT - 06 | 11002 | BEML | 28 KL | 17-08-2012 | 744 | 744 | | | | | | | | | 7344 | 3579 | 2866 | 3766 | 900 | 51.27 | 12.25 | 23.90 | 0.5 | 23 | |
| WT - 45 | 31372 | BEML | MODIFIED | 29-09-2004 | 744 | 157 | 424 | 588 | 164 | 79 | 22 | 28 | | 22 | 7344 | 2385 | 4003 | 4960 | 957 | 67.53 | 13.02 | 19.29 | 0.5 | 24 | |
| | | | Total | TOTAL | 2232 | 1237 | 737 | 996 | 259 | 45 | 12 | 26 | | 22 | 22032 | 12437 | 7542 | 9595 | 2054 | 43.55 | 9.32 | 21.40 | 0.5 | 23 | |
| MOTOR GRADER | | | | | | | | | | | | | | | | | | | | | | | | | |
| MG-5 | 3832 | BEML | | 01-03-2011 | 248 | 248 | | | | | | | | | 2448 | 2238 | 189 | 210 | 21 | 8.58 | 0.86 | 10.00 | | 36 | |
| MG-6 | 2316 | BEML | | 09-05-2016 | 248 | 30 | 122 | 218 | 97 | 88 | 39 | 44 | | 22 | 2448 | 595 | 1177 | 1853 | 676 | 75.69 | 27.61 | 36.48 | | 23 | |
| | | | Total | TOTAL | 496 | 278 | 122 | 218 | 97 | 44 | 19 | 44 | | 25 | 4896 | 2833 | 1366 | 2063 | 697 | 42.14 | 14.24 | 33.79 | | 23 | |

BOLANI MINES


| PROJ. NO. | CUMM. UTILIS. UPTO Jan'19 | MAKE / TYPE | CAPACITY | DATE OF COMMISSION. | JANUARY 2019 | | | | | | | | | | 2018-19 | | | | | | | | | | |
|----------------------|---------------------------|-------------------|----------|---------------------|--------------|----------|-----------|-----------|-----------|-------|-------|---------|-----------|---------|-----------|----------|-----------|-----------|-----------|--------|-------|---------|-----------|---------|--|
| | | | | | SCH. HRS. | B/D HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% | NET UT% | FEED RATE | HSD/ HR | SCH. HRS. | B/D HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% | NET UT% | FEED RATE | HSD/ HR | |
| EXCAVATORS | | | | | | | | | | | | | | | | | | | | | | | | | |
| EX-25 | 33594 | BEML PC-1000(D) | 4.5 CuM | 21-Jun-04 | 744 | 744 | | | | | | | | | 7344 | 5169 | 1928 | 2175 | 248 | 29.62 | 11.38 | 3.37 | | 51.74 | |
| EX-26 | 30843 | BEML PC-1000(D) | 4.5 CuM | 24-Jun-05 | 744 | 61 | 618 | 683 | 65 | 91.8 | 9.5 | 8.7 | | 55.85 | 7344 | 547 | 6263 | 6797 | 534 | 92.55 | 7.86 | 7.27 | 0.08 | 49.32 | |
| | | | | SUB TOTAL | 1488 | 805 | 618 | 683 | 65 | 45.9 | 9.5 | 4.4 | | 55.85 | 14688 | 5716 | 8191 | 8972 | 782 | 61.08 | 8.71 | 5.32 | 0.05 | 50.08 | |
| EX-28 | 15450 | BE-1600 | 7.5 Cu.m | 22-Jun-10 | 744 | 196 | 457 | 548 | 91 | 73.7 | 16.6 | 12.2 | 2.84 | 85.71 | 7344 | 4208 | 2771 | 3137 | 366 | 42.71 | 11.65 | 4.98 | 1.08 | 75.49 | |
| EX-29 | 25154 | KOMATSU PC-2000-8 | 9.5 Cu.M | 01-Nov-10 | 744 | 2 | 544 | 742 | 198 | 99.7 | 26.7 | 26.6 | 5.61 | 83.03 | 7344 | 1807 | 3987 | 5537 | 1550 | 75.39 | 27.99 | 21.10 | 4.36 | 79.88 | |
| EX-30 | 14235 | KOMATSU PC-2000-8 | 9.5 Cu.M | 03-Aug-15 | 744 | 83 | 334 | 661 | 327 | 88.8 | 49.5 | 44.0 | 5.54 | 78.38 | 7344 | 366 | 3579 | 6978 | 3400 | 95.02 | 48.72 | 46.29 | 6.15 | 75.03 | |
| EX-31 | 12722 | KOMATSU PC-2000-8 | 9.5 Cu.M | 05-Sep-15 | 744 | 60 | 451 | 684 | 233 | 91.9 | 34.1 | 31.3 | 5.22 | 68.07 | 7344 | 596 | 3655 | 6748 | 3093 | 91.89 | 45.83 | 42.12 | 5.43 | 75.46 | |
| | | | | SUB TOTAL | 2976 | 341 | 1786 | 2635 | 849 | 88.5 | 32.2 | 28.5 | 5.18 | 77.42 | 29376 | 6976 | 13992 | 22400 | 8408 | 76.25 | 37.54 | 28.62 | 5.34 | 76.10 | |
| | | | | TOTAL | 4464 | 1146 | 2404 | 3318 | 914 | 74.3 | 27.5 | 20.5 | 4.81 | 75.89 | 44064 | 12692 | 22183 | 31372 | 9190 | 71.20 | 29.29 | 20.86 | 4.89 | 73.89 | |
| DUMPER,50 TE | | | | | | | | | | | | | | | | | | | | | | | | | |
| HP-27 | 19667 | BEML HP-210M | 50 T | 09-Sep-03 | | | | | | | | | | | 4272 | 3763 | 406 | 510 | 104 | 11.93 | 20.31 | 2.42 | | 21.50 | |
| HP-30 | 17591 | C.I.773D(I) | 50 T | 01-Mar-06 | 744 | 2 | 709 | 742 | 33.0 | 99.7 | 4.4 | 4.4 | | 15.15 | 7344 | 1624 | 5444 | 5720 | 276 | 77.89 | 4.83 | 3.76 | 0.06 | 20.91 | |
| HP-32 | 23372 | BEML BH-50M | 50 T | 06-Mar-08 | 744 | 24 | 664 | 720 | 56.0 | 96.8 | 7.8 | 7.5 | | 41.25 | 7248 | 2485 | 4486 | 4763 | 278 | 65.71 | 5.83 | 3.83 | 0.09 | 34.93 | |
| | | | | TOTAL | 1488 | 26 | 1373 | 1462 | 89.0 | 196.5 | 12.2 | 12.0 | | 56.40 | 18864 | 7872 | 10336 | 10993 | 657 | 155.53 | 30.97 | 10.01 | 0.15 | 26.92 | |
| DUMPER,100 TE | | | | | | | | | | | | | | | | | | | | | | | | | |
| HP-32A | 28937 | KOMATSU HD785-7 | 100 T | 22-Jun-10 | 744 | 12 | 352 | 732 | 380 | 98.4 | 51.9 | 51.1 | 3.80 | 32.00 | 7344 | 2365 | 2516 | 4979 | 2462 | 67.79 | 49.46 | 33.53 | 3.20 | 36.33 | |
| HP-34 | 26579 | KOMATSU HD785-7 | 100 T | 22-Jun-10 | 744 | 720 | 24 | 24 | | 3.2 | | | | | 7344 | 5941 | 828 | 1403 | 575 | 19.10 | 41.01 | 7.83 | 3.00 | 37.73 | |
| HP-35 | 15540 | BEML BH-100 | 100 T | 22-Jun-10 | 744 | 212 | 508 | 532 | 24 | 71.5 | 4.5 | 3.2 | 3.21 | 59.38 | 7344 | 3983 | 3179 | 3361 | 183 | 45.77 | 5.43 | 2.49 | 2.95 | 42.73 | |
| HP-36 | 11682 | BEML BH-100 | 100 T | 22-Jun-10 | 744 | 728 | 16 | 16 | | 2.2 | | | | | 7344 | 3893 | 3221 | 3451 | 230 | 46.99 | 6.66 | 3.13 | 2.66 | 42.02 | |
| HP-37 | 19106 | CAT 777D | 100 T | 25-Jan-12 | 744 | 579 | 146 | 165 | 19 | 22.2 | 11.5 | 2.6 | 3.68 | 61.05 | 7344 | 3267 | 2321 | 4077 | 1756 | 55.51 | 43.07 | 23.91 | 3.30 | 37.39 | |
| HP-38 | 8552 | BEML BH-100S | 100 T | 03-May-16 | 744 | 102 | 471 | 642 | 171 | 86.3 | 26.6 | 23.0 | 3.58 | 30.53 | 7344 | 729 | 4474 | 6615 | 2142 | 90.08 | 32.37 | 29.16 | 3.11 | 36.11 | |
| HP-39 | 8538 | BEML BH-100S | 100 T | 03-May-16 | 744 | 29 | 421 | 715 | 294 | 96.1 | 41.1 | 39.5 | 3.44 | 33.28 | 7344 | 892 | 3813 | 6452 | 2639 | 87.85 | 40.90 | 35.93 | 3.34 | 37.41 | |
| HP-40 | 8622 | BEML BH-100S | 100 T | 03-May-16 | 744 | 61 | 358 | 683 | 325 | 91.8 | 47.6 | 43.7 | 3.63 | 37.14 | 7344 | 765 | 3769 | 6580 | 2810 | 89.59 | 42.71 | 38.26 | 3.21 | 38.47 | |
| | | | | TOTAL | 5952 | 2443 | 2296 | 3509 | 1213 | 59.0 | 34.6 | 20.4 | 3.62 | 34.48 | 58752 | 21835 | 24121 | 36917 | 12796 | 62.84 | 34.66 | 21.78 | 3.21 | 37.39 | |
| DRILL | | | | | | | | | | | | | | | | | | | | | | | | | |
| DM-11 | 16911 | AC-ROTACOL-IDM-30 | 160mm | 14-Feb-08 | 496 | 114 | 230 | 382 | 152 | 77.0 | 39.8 | 30.6 | 17.07 | 33.29 | 4896 | 915 | 2591 | 3981 | 1390 | 81.31 | 34.91 | 28.38 | 12.14 | 32.81 | |
| DM-12 | 17639 | AC-ROTACOL-IDM-30 | 160mm | 12-Aug-09 | 496 | 79 | 285 | 417 | 132 | 84.1 | 31.7 | 26.6 | 11.89 | 36.36 | 4896 | 2596 | 1313 | 2300 | 987 | 46.97 | 42.93 | 20.17 | 5.11 | 21.83 | |
| DM-12A | 15963 | AC-ROTACOL-IDM-30 | 160mm | 22-Mar-11 | 496 | 374 | 77 | 122 | 45 | 24.6 | 36.9 | 9.1 | 13.56 | 58.00 | 4896 | 1508 | 2209 | 3388 | 1179 | 69.19 | 34.80 | 24.08 | 10.72 | 42.01 | |
| DM-14 | 9119 | AC-ROTACOL-IDM-30 | 160mm | 19-Nov-14 | 496 | 106 | 217 | 390 | 173 | 78.6 | 44.4 | 34.9 | 15.46 | 34.59 | 4912 | 1090 | 2088 | 3823 | 1734 | 77.82 | 45.37 | 35.30 | 10.70 | 36.74 | |
| | | | | TOTAL | 1984 | 673 | 809 | 1311 | 502 | 66.1 | 38.3 | 25.3 | 14.84 | 36.76 | 19600 | 6109 | 8201 | 13491 | 5290 | 68.83 | 39.21 | 26.99 | 10.04 | 34.10 | |
| DOZER | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOZ-22 | 15918 | BEML BD355 | 410 HP | 06-Jul-07 | 496 | 352 | 83 | 144 | 61 | 29.0 | 42.4 | 12.3 | | 37.05 | 4936 | 1101 | 2116 | 3836 | 1720 | 77.70 | 44.84 | 34.84 | | 32.49 | |
| DOZ-23 | 11830 | BEML BD355 | 410 HP | 27-Aug-08 | 496 | 115 | 232 | 381 | 149 | 76.8 | 39.1 | 30.0 | | 21.54 | 4912 | 563 | 3106 | 4349 | 1243 | 88.54 | 28.58 | 25.31 | | 38.57 | |
| DOZ-24 | 13358 | BEML BD355 | 410 HP | 09-Mar-10 | 656 | 117 | 350 | 539 | 189 | 82.2 | 35.1 | 28.8 | | 39.79 | 6912 | 1049 | 4264 | 5863 | 1599 | 84.82 | 27.27 | 23.14 | | 24.07 | |
| DOZ-25 | 11297 | BEML BD355 | 410 HP | 09-Mar-10 | 496 | 74 | 266 | 422 | 156 | 85.1 | 37.0 | 31.5 | | 45.83 | 5232 | 2172 | 2114 | 3060 | 946 | 58.48 | 30.92 | 18.08 | | 41.71 | |
| DOZ-26 | 7761 | BEML BD355 | 410 HP | 03-May-14 | 496 | 448 | 48 | 48 | | 9.7 | | | | | 5064 | 2197 | 2284 | 2867 | 583 | 56.62 | 20.33 | 11.51 | | 55.70 | |
| DOZ-27 | 6251 | BEML BD355 | 410 HP | 03-May-14 | 568 | 145 | 285 | 423 | 138 | 74.5 | 32.6 | 24.3 | | 49.35 | 5016 | 2850 | 1693 | 2167 | 474 | 43.19 | 21.87 | 9.45 | | 43.57 | |
| DOZ-28 | 6121 | BEML BD356 | 410 HP | 26-Apr-16 | 744 | 86 | 433 | 658 | 225 | 88.4 | 34.2 | 30.2 | | 39.78 | 7344 | 694 | 4727 | 6650 | 1923 | 90.55 | 28.92 | 26.18 | | 28.13 | |
| | | | | TOTAL | 3952 | 1337 | 1697 | 2615 | 918 | 66.2 | 35.1 | 23.2 | | 39.11 | 42312 | 13522 | 20303 | 28790 | 8487 | 68.04 | 29.48 | 20.06 | | 34.04 | |
| PAY LOADER | | | | | | | | | | | | | | | | | | | | | | | | | |
| PL-20 | 14151 | Kawasaki, 90Ziv-2 | 256 HP | 26-Aug-09 | 744 | 469 | 173 | 275 | 102 | 37.0 | 37.1 | 13.7 | | 13.33 | 7344 | 5095 | 1491 | 2249 | 758 | 30.62 | 33.70 | 10.32 | | 16.09 | |
| PL-22 | 10579 | Hyundai-hl770-7A | 280 HP | 26-May-10 | 744 | 744 | | | | | | | | | 7344 | 7240 | 98 | 104 | 6 | 1.42 | 5.77 | 0.08 | | 98.83 | |
| PL-23 | 9276 | Kawasaki, 90ZV | 257 HP | 07-Oct-15 | 744 | 47 | 472 | 697 | 225 | 93.7 | 32.3 | 30.2 | | 27.43 | 7344 | 1015 | 4261 | 6330 | 2069 | 86.19 | 32.68 | 28.17 | | 23.93 | |
| | | | | TOTAL | 2232 | 1260 | 645 | 972 | 327 | 43.5 | 33.6 | 14.7 | | 23.64 | 22032 | 13350 | 5850 | 8683 | 2833 | 39.41 | 32.62 | 12.86 | | 21.99 | |
| MOTOR GRADER | | | | | | | | | | | | | | | | | | | | | | | | | |
| MG-6 | 3973 | BEML BG 825 | 280 HP | 04-Aug-08 | 496 | 272 | 178 | 224 | 46 | 45.16 | 20.54 | 9.27 | | 47.8 | | | | | | | | | | | |

BARSUA MINES

PERFORMANCE REPORT OF HEMM



SAIL-RM

| PROJ. NO. | CUMM. UTILS. UPTO Jan'19 | MAKE / TYPE | CAP | DATE OF COMMISSION | JANUARY 2019 | | | | | | | | | | 2018-19 | | | | | | | | | |
|--------------|-----------------------------------|-------------|-----|-----------------------|--------------|-------------|--------------|--------------|--------------|-----|-----|------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|-----|-----|------------|------------|--|
| | | | | | SCH. HRS. | B/D HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% | NET UT% | FEED RATE | HSD/ HR | SCH. HRS. | B/D HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% | NET UT% | HSD/ HR | |

EXCAVATORS | 6

| EX-20 | 25779 | BEML,BE-1000 | 4.5 CuM | Mar-04 | 600 | 44 | 483 | 556 | 73 | 92.7 | 13.1 | 12.2 | 6.45 | 46.16 | 5552 | 605 | 4183 | 4947 | 764 | 89.10 | 15.44 | 13.76 | 45.61 |
|-------|-------|-------------------|---------|-----------|-----|-----|-----|-----|-----|------|------|------|------|-------|------|------|------|------|------|-------|-------|-------|--------|
| EX-21 | 18144 | TELCON,1200V-1018 | 5.9 CuM | 28-May-07 | 600 | 444 | 114 | 156 | 42 | 26.0 | 26.9 | 7.0 | 8.38 | 69.05 | 5560 | 1352 | 3529 | 4208 | 679 | 75.68 | 16.14 | 12.21 | 63.63 |
| EX-22 | 19277 | BEML,BE-1000 | 4.5 CuM | 22-Dec-08 | 600 | 76 | 446 | 524 | 78 | 87.3 | 14.9 | 13.0 | 6.21 | 62.24 | 4512 | 942 | 2690 | 3570 | 880 | 79.12 | 24.65 | 19.50 | 49.65 |
| EX-23 | 15806 | BEML, BE-1000 | 4.5CuM | 18-Feb-10 | 200 | 168 | 32 | 32 | 0 | 16.0 | 0.0 | 0.0 | 0.00 | 0.00 | 2160 | 1839 | 320 | 321 | 1 | 14.86 | 0.31 | 0.05 | 400.00 |
| EX-24 | 12263 | BEML, BE-1600 | 7.5CuM | 04-Aug-11 | 600 | 97 | 259 | 503 | 244 | 83.8 | 48.5 | 40.7 | 7.36 | 72.01 | 5552 | 1931 | 2342 | 3622 | 1280 | 65.23 | 35.33 | 23.05 | 66.63 |
| EX-27 | 1784 | BEML, BE-1000-1 | 4.5 CuM | 19-Dec-17 | 600 | 168 | 270 | 432 | 162 | 72.0 | 37.5 | 27.0 | 6.69 | 60.80 | 5544 | 1040 | 2813 | 4504 | 1691 | 81.24 | 37.54 | 30.50 | 62.72 |

* EX 22 & 23 are being utilised at Taldih, EX-24 Engine sent to G

DUMPER.50 TE [51]

* BH-95, 96 & 99 are being utilised at Talc

NUMBER 60 TE [31]

| DUMPER,60 TE [L] | | CARTON | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------|------------|--|------|-----------|-----|------|-----|------|------|------|------|-------|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|
| HPD-101 | 3359 | BEML,BH-60 | | 60 T | 16-Nov-17 | 600 | 61 | 114 | 539 | 425 | 89.8 | 78.8 | 70.8 | 2.59 | 37.66 | 5552 | 666 | 1626 | 4886 | 3260 | 88.00 | 66.72 | 58.72 | 35.83 |
| HPD-102 | 2942 | BEML,BH-60 | | 60 T | 23-Nov-17 | 600 | 90 | 152 | 510 | 358 | 85.0 | 70.2 | 59.7 | 2.63 | 40.84 | 5552 | 1171 | 1513 | 4381 | 2868 | 78.91 | 65.46 | 51.66 | 38.52 |
| | | TOTAL | | 1200 | 151 | 266 | 1049 | 783 | 87.4 | 74.6 | 65.3 | 2.61 | 39.11 | 11104 | 1837 | 3139 | 9267 | 6128 | 83.46 | 66.13 | 55.19 | 37.09 | | |

DUMPER 100 TF [2]

| Demand | | Supply | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------|------------------|--|-------|-----------|-----|-----|-----|------|------|------|------|-------|------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|
| BOM, t/100 t [-] | | BOM, t/100 t [-] | | | | | | | | | | | | | | | | | | | | | | | |
| BH-97 | 10126 | BEML,BH-100 | | 100 T | 4-Aug-11 | | 600 | 117 | 202 | 483 | 281 | 80.5 | 58.2 | 46.8 | 2.40 | 53.64 | 4640 | 646 | 2461 | 3994 | 1533 | 86.08 | 38.38 | 33.04 | 46.03 |
| BH-98 | 8484 | BEML,BH-100 | | 100 T | 04-Aug-11 | | 600 | 600 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 4640 | 2162 | 1913 | 2478 | 565 | 53.41 | 22.80 | 12.18 | 42.36 | |
| | | TOTAL | | 1200 | 717 | 202 | 483 | 281 | 40.3 | 58.2 | 23.4 | 2.40 | 53.64 | 9280 | 2808 | 4374 | 6472 | 2098 | 69.74 | 32.42 | 22.61 | 45.04 | | | |

DRILL [3]

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|-------------|-------|-----------|-----|-----|-----|-----|-----|------|------|------|-------|-------|------|-----|------|------|-----|-------|-------|-------|-------|
| DRILL [3] | | | | | | | | | | | | | | | | | | | | | | | |
| DM-7 | 23661 | AC - IDM-30 | 160mm | 29-Jan-98 | 400 | 75 | 284 | 325 | 41 | 81.3 | 12.6 | 10.3 | 12.51 | 35.37 | 3816 | 793 | 2787 | 3023 | 236 | 79.22 | 7.81 | 6.18 | 40.84 |
| DM-9 | 9730 | AC - IDM-30 | 160mm | 30-Sep-09 | 400 | 140 | 237 | 260 | 23 | 65.0 | 8.8 | 5.8 | 16.96 | 41.30 | 3816 | 611 | 2856 | 3205 | 349 | 83.99 | 10.89 | 9.15 | 46.58 |
| DM-10 | 5061 | AC - IDM-30 | 160mm | 15-Jan-15 | 400 | 36 | 230 | 364 | 134 | 91.0 | 36.8 | 33.5 | 19.03 | 36.94 | 3536 | 163 | 2876 | 3373 | 497 | 95.39 | 14.73 | 14.06 | 40.44 |

* DM-10 is being utilised at Taldi

DOZER [5]

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------|-------------|--------|-----------|------------|------------|------------|------------|-----------|-------------|------------|------------|--|--------------|-------------|-------------|-------------|-------------|------------|--------------|-------------|-------------|--------------|
| TR-36 (B/V) | 14055 | BEML,D-155A | 320 HP | 23-Apr-05 | 600 | 109 | 449 | 491 | 42 | 81.8 | 8.6 | 7.0 | | 57.26 | 6456 | 3339 | 2983 | 3117 | 134 | 48.28 | 4.30 | 2.08 | 42.87 |
| TR-37 | 14827 | BEML,D-155A | 320 HP | 22-Jun-07 | 600 | 31 | 403 | 569 | 166 | 94.8 | 29.2 | 27.7 | | 38.13 | 6480 | 1233 | 4154 | 5247 | 1093 | 80.97 | 20.83 | 16.87 | 36.86 |
| TR-38 | 15715 | BEML, D-355 | 410 HP | 16-Feb-10 | 600 | 271 | 306 | 329 | 23 | 54.8 | 7.0 | 3.8 | | 47.83 | 4488 | 918 | 2944 | 3570 | 626 | 79.55 | 17.54 | 13.95 | 35.85 |
| TR-39 | 10131 | BEML, D-355 | 410 HP | 10-Apr-12 | 600 | 59 | 462 | 541 | 79 | 90.2 | 14.6 | 13.2 | | 38.61 | 5864 | 1975 | 3371 | 3889 | 518 | 66.32 | 13.32 | 8.83 | 35.23 |
| TR-40 | 9807 | BEML, D-355 | 410 HP | 6-May-14 | 600 | 92 | 428 | 508 | 80 | 84.7 | 15.7 | 13.3 | | 43.44 | 8048 | 653 | 4285 | 7395 | 3110 | 91.89 | 42.06 | 38.64 | 10.52 |
| TR-36 to TR-40 Total | | | | | 600 | 109 | 449 | 491 | 42 | 81.8 | 8.6 | 7.0 | | 57.26 | 6456 | 3339 | 2983 | 3117 | 134 | 48.28 | 4.30 | 2.08 | 42.87 |

* TR-38 is being utilised at Taldil

PAY LOADER [:]

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|------------------------|--------|-----------|-----|----|-----|-----|----|------|-----|-----|--|-------|------|------|------|------|-----|-------|------|------|-------|
| FEL-6 | 9368 | L&T KOMAT. WA-470-3 | 260 HP | 21-Jan-09 | 400 | 18 | 355 | 382 | 27 | 95.5 | 7.1 | 6.8 | | 23.33 | 4360 | 145 | 3948 | 4215 | 267 | 96.67 | 6.33 | 6.12 | 25.34 |
| FEL-7 | 6560 | HYUNDAI | 280 HP | 27-Aug-11 | 400 | 6 | 368 | 394 | 26 | 98.5 | 6.6 | 6.5 | | 32.23 | 5096 | 1479 | 3464 | 3617 | 153 | 70.98 | 4.23 | 3.00 | 27.49 |
| | | | | TOTAL | 800 | 24 | 723 | 776 | 53 | 97.0 | 6.8 | 6.6 | | 27.70 | 9456 | 1624 | 7412 | 7832 | 420 | 82.83 | 5.36 | 4.44 | 26.12 |

MOTOR GRADER [1]

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------|----------------|-------|-----------|-------|------|-----|-----|-----|------|------|------|------|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|
| MG-6 | 7202 | BEML BG 825 | 280HP | 14-Sep-02 | 400 | 10 | 343 | 390 | 47 | 97.5 | 12.1 | 11.8 | | 19.70 | 3512 | 806 | 2289 | 2706 | 417 | 77.05 | 15.41 | 11.87 | 18.22 | |
| WATER SPRINKLER [1] | | | | | | | | | | | | | | | | | | | | | | | | |
| WS-91 | 14355 | HM / WS-28 | 28KL | Nov-06 | 600 | 600 | | 0 | 0 | 0.0 | 0.0 | | 0.00 | 4896 | 2425 | 2455 | 2471 | 16 | 50.47 | 0.65 | 0.33 | 48.75 | | |
| WS-100 | 3796 | BEML / WS-28-2 | 28KL | 29-Apr-15 | 600 | 48 | 364 | 552 | 188 | 92.0 | 34.1 | 31.3 | | 19.30 | 4880 | 325 | 3766 | 4555 | 789 | 93.34 | 17.32 | 16.17 | 21.46 | |
| | | | | | TOTAL | 1200 | 648 | 364 | 552 | 188 | 46.0 | 34.1 | 15.7 | | 19.30 | 9776 | 2750 | 6221 | 7026 | 805 | 71.87 | 11.46 | 8.23 | 22.00 |

Back Hoe/Rock Breaker [2]

| BACK HOE/ROCK BREAKER [2] | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|----------------------|----------|-----------|-------|------|-----|-----|-----|------|------|------|------|--|------|------|------|------|------|-------|-------|-------|-------|-------|
| EX-26 | 3200 | HYUNDAI/BACKHOE | 0.9 CuM | 16-Sep-13 | 600 | 600 | 0 | 0 | 0 | 0 | 0 | 0 | | | 5808 | 778 | 4826 | 5030 | 204 | 86.60 | 4.06 | 3.51 | 24.68 | |
| EX-25 | 4473.5 | HYUNDAI/ROCK BREAKER | 1.62 CuM | 10-Sep-13 | 600 | 48 | 364 | 552 | 188 | 92.0 | 34.1 | 31.3 | | | 4056 | 402 | 3091 | 3655 | 564 | 90.10 | 15.42 | 13.89 | 8.17 | |
| | | | | | TOTAL | 1200 | 648 | 364 | 552 | 188 | 46.0 | 34.1 | 15.7 | | 5.21 | 9864 | 1180 | 7917 | 8685 | 768 | 88.04 | 8.84 | 7.78 | 12.56 |

GUA ORE MINES

| EQUIPMENTS | UTILIS. UPTO Jan'19 | MAKE / TYPE | CAPACITY | DATE OF COMMISSION. | January 2019 | | | | | | | | | | 2018-2019 | | | | | | | | | | | | | | | |
|----------------------------|---------------------------|-------------|----------|------------------------|--------------|--------------|---------------------|--------------|--------------|-------|------|-------------|--------------|--------|--------------|--------------|--------------|--------------|--------------|-------|-------|-------------|--------------|---------|-------|------|------|------|-------|-------|
| | | | | | SCH. HRS. | DOWN HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% | NET UT % | FEED RATE | HSD/HR | SCH. HRS. | DOWN HRS. | IDLE HRS. | AVL. HRS. | UTL. HRS. | AV% | UT% | NET UT % | FEED RATE | HSD /HR | | | | | | |
| EXCAVATORS[4] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| > 4.5 CuM | | | | | D-12 | 10676 | BE 1600 | 7.5 CuM | 16-Feb-11 | 720 | 123 | 467 | 597 | 130 | 82.92 | 21.78 | 18.06 | 4.87 | 58.43 | 7320 | 1794 | 3812 | 5526 | 1714 | 75.5 | 31.0 | 23.4 | 4.3 | 52.53 | |
| | | | | | D-12A | 18064 | BE 1000(D) | 4.5 CuM | 27-Apr-08 | 720 | 720 | | | | | | | | | 7320 | 7289 | 21 | 31 | 10 | 0.4 | 32.3 | 0.1 | 6.4 | 60.00 | |
| | | | | | D-14 | 24373 | KOMATSU | 9.5 CuM | 06-Apr-12 | 720 | 110 | 169 | 610 | 441 | 84.72 | 72.30 | 61.25 | 3.03 | 79.02 | 7320 | 2000 | 2505 | 5320 | 2815 | 72.7 | 52.9 | 38.5 | 4.5 | 78.75 | |
| | | | | | D-15 | 18828 | KOMATSU | 9.5 CuM | 31-Aug-15 | 720 | 93 | 325 | 627 | 302 | 87.08 | 48.17 | 41.94 | 8.35 | 75.83 | 7320 | 1192 | 2078 | 6128 | 4050 | 83.7 | 66.1 | 55.3 | 6.4 | 80.23 | |
| | | | | | | | | | | TOTAL | 2880 | 1046 | 961 | 1834 | 873 | 63.68 | 47.60 | 30.31 | 5.15 | 74.85 | 29280 | 12275 | 8416 | 17005 | 8589 | 58.1 | 50.5 | 29.3 | 5.4 | 74.19 |
| DUMPER,50 TE[3] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | R/D-85 | 18557 | BEML-BH-50M | 50 Te | Mar- 08 | 720 | 720 | | | | | | | | | 7320 | 6624 | 692 | 696 | 4 | 9.5 | 0.6 | 0.1 | | 25.00 | |
| | | | | | R/D-86 | 20020 | BEML-BH-50M | 50Te | Sep-08 | 720 | 720 | | | | | | | | | 7320 | 4632 | 2505 | 2688 | 183 | 36.7 | 6.8 | 2.5 | | 19.54 | |
| | | | | | R/D-87 | 17443 | BEML-BH-50M | 50Te | Dec-08 | 720 | 720 | | | | | | | | | 7320 | 5906 | 1403 | 1414 | 11 | 19.3 | 0.8 | 0.2 | | 68.18 | |
| | | | | | | | | | | TOTAL | 2160 | 2160 | | | | | | | | 21960 | 17162 | 4600 | 4798 | 198 | 21.8 | 4.1 | 0.9 | | 22.35 | |
| DUMPER,100 TE[6] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | R/D-88 | 23684 | KOMAT.HD785-7 | 100 T | 10-Sep-10 | 720 | 720 | | | | | | | | | 7320 | 6515 | 157 | 805 | 648 | 11.0 | 80.5 | 8.9 | 2.8 | 57.58 | |
| | | | | | R/D-89 | 27101 | KOMAT.HD785-7 | 100 T | 10-Sep-10 | 720 | 189 | 129 | 531 | 402 | 73.75 | 75.71 | 55.83 | 3.52 | 54.31 | 7320 | 1469 | 1190 | 5851 | 4661 | 79.9 | 79.7 | 63.7 | 2.7 | 49.13 | |
| | | | | | R/D-90 | 18166 | CAT 777D | 100 T | 25-Jan-12 | 720 | 482 | 58 | 238 | 180 | 33.06 | 75.63 | 25.00 | 0.81 | 46.06 | 7320 | 3768 | 1763 | 3552 | 1789 | 48.5 | 50.4 | 24.4 | 3.1 | 47.15 | |
| | | | | | R/D-91 | 14982 | CAT 777D | 100 T | 25-Jan-12 | 720 | 283 | 19 | 437 | 418 | 60.69 | 95.65 | 58.06 | 3.06 | 28.09 | 7320 | 2106 | 2210 | 5214 | 3004 | 71.2 | 57.6 | 41.0 | 3.6 | 47.55 | |
| | | | | | R/D-92 | 10387 | BEML- BH 100 | 100 T | 27-May-15 | 720 | 289 | 33 | 431 | 398 | 59.86 | 92.34 | 55.28 | 2.06 | 41.31 | 7320 | 3379 | 1656 | 3941 | 2285 | 53.8 | 58.0 | 31.2 | 2.2 | 51.02 | |
| | | | | | R/D-93 | 9345 | BEML - BH 100 | 100 T | 10-Jun-15 | 720 | 217 | 147 | 503 | 356 | 69.86 | 70.78 | 49.44 | 2.34 | 63.09 | 7320 | 2067 | 1672 | 5253 | 3581 | 71.8 | 68.2 | 48.9 | 2.9 | 53.57 | |
| | | | | | | | | | | TOTAL | 4320 | 2180 | 386 | 2140 | 1754 | 49.54 | 81.96 | 40.60 | 2.56 | 46.05 | 43920 | 19304 | 8648 | 24616 | 15968 | 56.0 | 64.9 | 36.4 | 2.9 | 50.22 |
| DRILL[4] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | DM-10 | 16040 | IR-ROTACOL-IDM-30 | 160mm | Feb- 04 | 480 | 270 | 121 | 210 | 89 | 43.75 | 42.38 | 18.54 | 12.49 | 32.02 | 4880 | 2054 | 1930 | 2826 | 896 | 57.9 | 31.7 | 18.4 | 12.1 | 39.26 | |
| | | | | | DM-12A | 8456 | AC-ROTACOL-IDM-30 | 160mm | Sep-08 | 480 | 480 | | | | | | | | | 4880 | 2553 | 1183 | 2327 | 1144 | 47.7 | 49.2 | 23.4 | 13.7 | 34.89 | |
| | | | | | DM-14 | 13978 | AC-ROTACOL-IDM-30 | 160 mm | 12-Sep-09 | 480 | 189 | 82 | 291 | 209 | 60.63 | 71.82 | 43.54 | 8.02 | 9.62 | 4880 | 4203 | 281 | 677 | 396 | 13.9 | 58.5 | 8.1 | 10.0 | 27.42 | |
| | | | | | DM-15 | 6570 | AC-ROTACOL-IDM-30 | 160 mm | 8-Dec-14 | 480 | 89 | 190 | 391 | 201 | 81.46 | 51.41 | 41.88 | 14.07 | 39.54 | 4880 | 1902 | 1569 | 2978 | 1409 | 61.0 | 47.3 | 28.9 | 13.7 | 39.60 | |
| | | | | | | | | | | TOTAL | 1920 | 1028 | 393 | 892 | 499 | 46.46 | 55.94 | 25.99 | 11.26 | 25.67 | 19520 | 10712 | 4963 | 8808 | 3845 | 45.1 | 43.7 | 19.7 | 12.9 | 36.86 |
| DOZER[5] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | DOZ-21 | 17355 | BEML D-355 | 410 HP | May- 03 | 480 | 480 | | | | | | | | | 4880 | 3596 | 232 | 1284 | 1053 | 26.3 | 82.0 | 21.6 | | 30.64 | |
| | | | | | DOZ-22 | 16083 | BEML D-355 | 410 HP | Feb-04 | 480 | 480 | | | | | | | | | 4880 | 4880 | | | | | | | | | |
| | | | | | DOZ-23 | 14974 | BEML D-355 | 410 HP | May-08 | 480 | 186 | 83 | 294 | 211 | 61.25 | 71.77 | 43.96 | | 27.49 | 4880 | 2669 | 1162 | 2211 | 1049 | 45.3 | 47.4 | 21.5 | | 29.58 | |
| | | | | | DOZ-24 | 13117 | BEML D-355 | 410 HP | Sep-08 | 480 | 170 | 65 | 310 | 245 | 64.58 | 79.03 | 51.04 | | 52.60 | 4880 | 1170 | 369 | 3710 | 3341 | 76.0 | 90.1 | 68.5 | | 37.40 | |
| | | | | | DOZ-25 | 8667 | BEML D-355 | 410 HP | 25-Apr-14 | 480 | 182 | 122 | 298 | 176 | 62.08 | 59.06 | 36.67 | | 61.93 | 4880 | 3916 | 500 | 964 | 465 | 19.8 | 48.2 | 9.5 | | 42.01 | |
| | | | | | DOZ-26 | 8230 | BEML D-355 | 410 HP | 08-Sept-17 | 480 | 76 | 115 | 404 | 289 | 84.17 | 71.53 | 60.21 | | 35.45 | 4880 | 844 | 1137 | 4036 | 2899 | 82.7 | 71.8 | 59.4 | | 34.83 | |
| | | | | | | | | | | TOTAL | 2880 | 1574 | 385 | 1306 | 921 | 45.35 | 70.52 | 31.98 | | 43.25 | 29280 | 17075 | 3399 | 12205 | 8806 | 41.7 | 72.2 | 30.1 | | 35.06 |
| PAY LOADER[2] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | PL-7 | 12465 | L&T KOMAT. WA-470-3 | 260 HP | 21-Jan-09 | 720 | 126 | 308 | 594 | 286 | 82.50 | 48.15 | 39.72 | | 13.10 | 7320 | 1673 | 2875 | 5647 | 2772 | 77.1 | 49.1 | 37.9 | 0.0 | 14.09 | |
| | | | | | PL-8 | 4769 | Hyundai-hl770-7A | 280 HP | 01-Jun-10 | 720 | 720 | | | | | | | | | 7320 | 7320 | | | | | | | | | |
| | | | | | | | | | | TOTAL | 1440 | 846 | 308 | 594 | 286 | 41.25 | 48.15 | 19.86 | | 13.10 | 14640 | 8993 | 2875 | 5647 | 2772 | 38.6 | 49.1 | 18.9 | 0.0 | 14.09 |
| Back Hoe [2] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | BACK HOE-02 | 7965 | BEMLBE-300LC | 1.2 CU.M | May-09 | 720 | 720 | | | | | | | | | 7320 | 4646 | 1472 | 2674 | 1202 | 36.5 | 45.0 | 16.4 | | 14.53 | |
| | | | | | BACK HOE-03 | 3580 | BEMLBE-300LC | 1.25 CU.M | 25-Sep-13 | 720 | 89 | 142 | 631 | 489 | 87.64 | 77.50 | 67.92 | | 17.18 | 6576 | 2398 | 598 | 4178 | 3580 | 63.5 | 85.7 | 54.4 | | 14.42 | |
| | | | | | | | | | | TOTAL | 1440 | 809 | 142 | 631 | 489 | 43.82 | 77.50 | 33.96 | | 17.18 | 13896 | 7044 | 2070 | 6852 | 4782 | 49.3 | 69.8 | 34.4 | | 14.45 |
| Water Sprinkler [2] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | WT-5 | 14955 | WS-28 | 28 KL | May-05 | 480 | 49 | 325 | 431 | 106 | 89.79 | 24.59 | 22.08 | | 7.94 | 5128 | 2513 | 1949 | 2615 | 666 | 51.0 | 25.5 | 13.0 | | 13.67 | |
| | | | | | WT-6 | 5560 | BEML,WS 28-2 | 28 KL | Jan-09 | 480 | 61 | 230 | 419 | 189 | 87.2 | | | | | | | | | | | | | | | |

EQUIPMENT AVAILABILITY & UTILISATION

Jan-19

UNIT IN %

| | | KIRIBURU | | | | MEGHAHATUBURU | | | | BOLANI | | | | BARSUA | | | | GUA | | | | | |
|-----------------|----------------|----------|----|-----|----|---------------|----|-----|----|--------|----|-----|----|--------|----|-----|----|-----|----|-----|----|-----|----|
| | | NORM | | MTH | | CUM | | MTH | | CUM | | MTH | | CUM | | MTH | | CUM | | MTH | | CUM | |
| EQPMT TYPE | | AV | UT | AV | UT | AV | UT | AV | UT | AV | UT | AV | UT | AV | UT | AV | UT | AV | UT | AV | UT | AV | UT |
| DRILL | 150 mm | 70 | 70 | 53 | 35 | 49 | 42 | 70 | 71 | 55 | 73 | 66 | 38 | 69 | 39 | 79 | 21 | 86 | 11 | 46 | 56 | 45 | 44 |
| SHOVEL | HYD(D) <4.6 m3 | 70 | 75 | | | | | 13 | 53 | 34 | 24 | 46 | 10 | 61 | 9 | 77 | 20 | 75 | 25 | | | | |
| | HYD(D) >4.6 m3 | 85 | 80 | 96 | 50 | 95 | 50 | 66 | 61 | 69 | 61 | 89 | 32 | 76 | 38 | 55 | 43 | 71 | 25 | 64 | 48 | 58 | 51 |
| DUMPER | 85/ 60 tn | 65 | 75 | | | | | 2 | 54 | 19 | 16 | 98 | 6 | 56 | 6 | 92 | 16 | 73 | 22 | | | 22 | 4 |
| | 50 tn | 70 | 80 | | | | | | | | | | | | | | | | | | | | |
| | 100 tn | 85 | 80 | 65 | 44 | 70 | 41 | 59 | 53 | 58 | 52 | 59 | 35 | 63 | 35 | 40 | 58 | 65 | 24 | 50 | 81 | 56 | 65 |
| DOZER | | 70 | 70 | 59 | 40 | 51 | 35 | 51 | 30 | 50 | 39 | 66 | 35 | 69 | 31 | 81 | 16 | 74 | 22 | 45 | 71 | 42 | 72 |
| CRUSHING PLANT | | 85 | 85 | | | | | 93 | 56 | 94 | 58 | 56 | 54 | 79 | 53 | | | | | | | | |
| SCREENING PLANT | | 85 | 85 | | | | | 95 | 83 | 83 | 62 | 95 | 46 | 91 | 62 | | | | | | | | |
| OHP | | 85 | 85 | 91 | 70 | 92 | 70 | | | | | | | | | 99 | 53 | 96 | 55 | 97 | 85 | 95 | 87 |

Consumption of Key Consumables in 2018-19(Kiriburu)

| Item | HSD | | | EXPL | POWER | LUBRICANT | | | | | | | | |
|----------------|----------------|---------------|----------------|---------------|-----------------|--------------|----------------|---------------|---------------|---------------|-------------|-------------|-------------|--------------|
| Unit | Litre | | | kg | KWH | Litre/Kg | DEPTT ROM | CONT ROM | DEPTT OB | CONT OB | EXPL | Ltr/Te | POWER | LUB |
| NORM | MINES | DGSET | TOTAL | | | | | | | | 0.12 | 0.45 | 4.2 | 25 |
| 2011-12 | 2232461 | 723255 | 2955716 | 733395 | 28638468 | 158510 | 3848850 | 0 | 1410525 | 633037.6 | 0.12 | 0.55 | 5.45 | 29.26 |
| 2012-13 | 2304757 | 777352 | 3082109 | 619868 | 29233456 | 115903 | 3958695 | 0 | 1481400 | 187362 | 0.11 | 0.56 | 5.37 | 21.12 |
| 2013-14 | 2028772 | 794925 | 2823697 | 502158 | 31070636 | 126608 | 3443634 | 24977 | 1334250 | 0 | 0.10 | 0.59 | 6.47 | 26.36 |
| 2014-15 | 2045312 | 860700 | 2906012 | 733330 | 31989330 | 110440 | 3893355 | 354285 | 1135350 | 638246 | 0.13 | 0.52 | 5.94 | 19.93 |
| 2015-16 | 2021760 | 758860 | 2780620 | 585470 | 31933017 | 107099 | 3648780 | 178245 | 2088990 | 201910 | 0.10 | 0.47 | 5.40 | 17.95 |
| 2016-17 | 2177112 | 702490 | 2879602 | 573840 | 31702875 | 101640 | 3891780 | 242370 | 2663910 | 0 | 0.08 | 0.44 | 4.66 | 15.36 |
| 2017-18 | 2109898 | 573577 | 2683475 | 515422 | 30594993 | 92150 | 3979790 | 215830 | 1568970 | 863256 | 0.08 | 0.46 | 5.31 | 15.84 |
| 2018-19 | 1633752 | 409958 | 2043710 | 347530 | 26048048 | 66386 | 3065770 | 179000 | 806580 | 243644 | 0.08 | 0.51 | 6.43 | 16.69 |
| April'18 | 166292 | 48694 | 214986 | 53245 | 2164676 | 4200 | 248830 | 29000 | 126720 | 10000 | 0.13 | 0.56 | 5.35 | 10.90 |
| May'18 | 180275 | 54357 | 234632 | 29757 | 2117508 | 6510 | 339490 | 26000 | 99270 | 0 | 0.06 | 0.53 | 4.56 | 14.62 |
| June'18 | 166497 | 30570 | 197067 | 42892 | 2311396 | 6510 | 317680 | 29000 | 76500 | 115644 | 0.08 | 0.46 | 5.46 | 15.13 |
| July'18 | 162165 | 49995 | 212160 | 20620 | 2448148 | 4100 | 310230 | 0 | 33750 | 0 | 0.06 | 0.62 | 7.12 | 11.92 |
| August'18 | 161011 | 40590 | 201601 | 36055 | 2878160 | 9030 | 314280 | 0 | 31860 | 0 | 0.10 | 0.58 | 8.32 | 26.09 |
| Sept'18 | 146482 | 46410 | 192892 | 35060 | 2473480 | 6930 | 285570 | | 87660 | 0 | 0.09 | 0.52 | 6.63 | 18.57 |
| Oct'18 | 165463 | 38127 | 203590 | 23790 | 2685040 | 7140 | 323550 | 27000 | 67950 | 0 | 0.06 | 0.51 | 6.42 | 17.93 |
| Nov'18 | 161774 | 23353 | 185127 | 37620 | 2780720 | 7770 | 360270 | | 81450 | | 0.09 | 0.42 | 6.30 | 17.59 |
| Dec'18 | 162740 | 41582 | 204322 | 38100 | 3036760 | 7686 | 285960 | 42000 | 57240 | 58000 | 0.09 | 0.55 | 7.88 | 20.87 |
| Jan'19 | 161053 | 36280 | 197333 | 30391 | 3152160 | 6510 | 279910 | 26000 | 144180 | 60000 | 0.06 | 0.44 | 7.00 | 14.61 |

Consumption of Key Consumables in 2018-19(Meghahatuburu)

| Item | HSD | | | EXPL | POWER | LUBRICANT | | | | | | | | |
|----------------|----------------|--------------|----------------|---------------|-----------------|--------------|----------------|---------------|----------------|---------------|-------------|-------------|-------------|--------------|
| Unit | Litre | | | kg | KWH | Litre/Kg | DEPTT ROM | CONT ROM | DEPTT OB | CONT OB | EXPL | Ltr/Te | POWER | LUB |
| NORM | MINES | DGSET | TOTAL | | | | | | | | 0.13 | 0.45 | 4.15 | 25 |
| 2011-12 | 2362533 | 225172 | 2587705 | 553591 | 21142080 | 141234 | 4286700 | | 1554480 | 325440 | 0.09 | 0.44 | 3.62 | 23.85 |
| 2012-13 | 2503447 | 298360 | 2801807 | 464676 | 20066760 | 123987 | 4225320 | | 2166885 | 30114 | 0.07 | 0.44 | 3.14 | 19.37 |
| 2013-14 | 2324310 | 162200 | 2486510 | 392696 | 20328120 | 129431 | 4426065 | | 1807800 | 780350 | 0.06 | 0.39 | 3.26 | 20.38 |
| 2014-15 | 2220183 | 193500 | 2413683 | 319470 | 18089880 | 126073 | 3673080 | 0 | 1305800 | 155000 | 0.06 | 0.44 | 3.63 | 23.61 |
| 2015-16 | 2225132 | 166400 | 2391532 | 519270 | 19481640 | 115697 | 3737160 | 0 | 1716350 | 896600 | 0.08 | 0.43 | 3.57 | 20.70 |
| 2016-17 | 2572886 | 44085 | 2616971 | 515440 | 17964960 | 126531 | 3711060 | 162000 | 2828750 | 234000 | 0.07 | 0.39 | 2.68 | 19.06 |
| 2017-18 | 2625542 | 51700 | 2677242 | 653081 | 18582360 | 119195 | 3784340 | 183000 | 2938950 | 1026000 | 0.08 | 0.38 | 2.69 | 16.97 |
| 2018-19 | 2116594 | 86900 | 2203494 | 462371 | 15352511 | 94037 | 3057910 | 132500 | 2108000 | 300000 | 0.08 | 0.42 | 2.90 | 17.83 |
| April'18 | 220289 | 6030 | 226319 | 53177 | 1228440 | 9646 | 279290 | 20500 | 230200 | 50000 | 0.09 | 0.43 | 2.32 | 18.30 |
| May'18 | 224655 | 10060 | 234715 | 61594 | 1199640 | 9660 | 288590 | 8500 | 303700 | 60000 | 0.09 | 0.39 | 2.00 | 15.85 |
| June'18 | 211828 | 4230 | 216058 | 47428 | 1209960 | 11410 | 247170 | 15000 | 288600 | 45000 | 0.08 | 0.39 | 2.20 | 20.72 |
| July'18 | 188924 | 6580 | 195504 | 50550 | 1901760 | 6482 | 310810 | 5000 | 144100 | 30000 | 0.10 | 0.42 | 4.14 | 13.98 |
| August'18 | 206689 | 14530 | 221219 | 47315 | 2122920 | 10210 | 348830 | 10000 | 153100 | 95000 | 0.08 | 0.42 | 4.15 | 19.33 |
| Sept'18 | 206771 | 10760 | 217531 | 23570 | 1559640 | 11410 | 288350 | 10000 | 153100 | 20000 | 0.05 | 0.48 | 3.45 | 25.41 |
| Oct'18 | 241004 | 7530 | 248534 | 59835 | 1432920 | 9254 | 358180 | 20000 | 145100 | 0 | 0.11 | 0.49 | 2.74 | 18.21 |
| Nov'18 | 201434 | 5740 | 207174 | 38884 | 1471200 | 11088 | 335330 | 1000 | 156600 | 0 | 0.08 | 0.42 | 2.98 | 22.53 |
| Dec'18 | 202000 | 9830 | 211830 | 39766 | 1516031 | 5656 | 292210 | 20000 | 252000 | 0 | 0.07 | 0.39 | 2.69 | 10.30 |
| Jan'19 | 213000 | 11610 | 224610 | 40252 | 1710000 | 9221 | 309150 | 22500 | 281500 | 0 | 0.07 | 0.38 | 2.79 | 15.46 |

Consumption of Key Consumables in 2018-19(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 | POWER | LUB |
| NORM | | | | | | | | | | 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 | 2514011 | 935809 | 20339200 | 125936 | 3712455 | 0 | 1543746 | 1417555 | 1853008 | 0.11 | 0.42 | 3.05 | 21.06 |
| 2018-19 | 2078456 | 818375 | 16273680 | 96298 | 3186628 | 0 | 1328133 | 1188460 | 1428283 | 0.11 | 0.41 | 2.85 | 19.02 |
| April'18 | 204486 | 59590 | 1433760 | 7602 | 147900 | 0 | 160209 | 251000 | 134324 | 0.09 | 0.43 | 2.56 | 16.09 |
| May'18 | 213263 | 86655 | 1668960 | 11900 | 312300 | 0 | 156063 | 115950 | 112869 | 0.12 | 0.43 | 2.86 | 24.02 |
| June'18 | 206532 | 74839 | 1671120 | 8330 | 341300 | 0 | 143708 | 71850 | 148274 | 0.11 | 0.42 | 3.00 | 17.13 |
| July'18 | 213547 | 74422 | 1727520 | 9618 | 340900 | 0 | 108668 | 67930 | 88380 | 0.12 | 0.47 | 3.34 | 21.00 |
| August'18 | 182689 | 72355 | 1720800 | 9898 | 326800 | 0 | 98018 | 111400 | 170400 | 0.10 | 0.36 | 3.21 | 19.59 |
| Sept'18 | 199970 | 76935 | 1701840 | 9002 | 354500 | 0 | 98650 | 94600 | 101651 | 0.12 | 0.40 | 3.11 | 18.03 |
| Oct'18 | 214219 | 82365 | 1670400 | 13776 | 394100 | 0 | 127829 | 86250 | 178038 | 0.10 | 0.38 | 2.75 | 24.74 |
| Nov'18 | 213370 | 93655 | 1548240 | 8406 | 376808 | 0 | 122559 | 100940 | 161101 | 0.12 | 0.39 | 2.58 | 15.32 |
| Dec'18 | 220023 | 102404 | 1530240 | 9562 | 353700 | 0 | 145020 | 87390 | 220743 | 0.13 | 0.41 | 2.61 | 17.96 |
| Jan'19 | 210357 | 95155 | 1600800 | 8204 | 238320 | 0 | 167409 | 201150 | 112503 | 0.13 | 0.41 | 2.64 | 16.10 |

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

| Item | HSD | | | Expl | Power | Lubricant | | | | | | | | | |
|----------------|----------------|--------------|----------------|---------------|----------------|--------------|----------------|---------------|---------------|----------|--------------|-------------|-------------|-------------|--------------|
| Unit | Litre | | | kg | KWH | Litre/Kg | DEPTT ROM | CONT ROM | DEPTT OB | CONT OB | TALDIH OB | EXPL | HSD | POWER | LUB |
| NORM | MINES | DGSET | TOTAL | | | | BARSUA | TALDIH | BARSUA | | DEPT | 0.08 | 0.46 | 4.90 | 25.00 |
| 2011-12 | 1753745 | | | 233475 | 16215900 | 78287 | 1979803 | | 1340775 | 859275.2 | | 0.06 | 0.50 | 4.88 | 22.14 |
| 2012-13 | 1879641 | 30150 | 1909791 | 254675 | 14962260 | 99939 | 2281296 | | 1350990 | 175261.7 | | 0.07 | 0.52 | 4.12 | 27.19 |
| 2013-14 | 1592619 | 74350 | 1666969 | 253695 | 18204460 | 101571 | 1905428 | | 1257525 | 652709 | | 0.07 | 0.51 | 5.76 | 31.15 |
| 2014-15 | 1351019 | 18140 | 1369159 | 230450 | 17518920 | 62960 | 269920 | | 2635065 | 350000 | | 0.07 | 0.46 | 6.03 | 21.29 |
| 2015-16 | 1230145 | 6660 | 1236805 | 265250 | 15780840 | 47362 | 0 | 0 | 2384140 | 0 | | 0.11 | 0.52 | 6.62 | 19.87 |
| 2016-17 | 934836 | 0 | 934836 | 188625 | 15520680 | 46730 | 0 | 173700 | 1804950 | 0 | 294165 | 0.10 | 0.45 | 7.84 | 22.26 |
| 2017-18 | 386285 | 0 | 386285 | 95062 | 13554044 | 11893 | 0 | 1052111 | 85675 | 0 | 206145 | 0.07 | 1.32 | 11.91 | 40.75 |
| 2018-19 | 1139084 | 47143 | 1186227 | 126393 | 9556114 | 22521 | 1534011 | 442908 | 293250 | 0 | 65340 | 0.05 | 0.59 | 5.05 | 11.90 |
| April'18 | 26265 | 0 | 26265 | 4950 | 1113077 | 341 | 0 | 98306 | 2365 | 0 | 23490 | 0.04 | 0.52 | 43.05 | 13.19 |
| May'18 | 82015 | 0 | 82015 | 6750 | 1071437 | 1976 | 88915 | 89676 | 20490 | 0 | 21960 | 0.03 | 0.53 | 8.16 | 15.04 |
| June'18 | 103602 | 0 | 103602 | 13276 | 716077 | 2271 | 181049 | 79030 | 16510 | 0 | 15660 | 0.05 | 0.44 | 3.36 | 10.65 |
| July'18 | 107195 | 0 | 107195 | 13517 | 863157 | 2013 | 141235 | 71255 | 15790 | 0 | 4230 | 0.06 | 0.60 | 5.35 | 12.48 |
| August'18 | 121860 | 1420 | 123280 | 15788 | 653477 | 3070 | 155765 | 60770 | 34685 | 0 | 0 | 0.06 | 0.60 | 3.43 | 16.12 |
| Sept'18 | 125773 | 2300 | 128073 | 8250 | 1217997 | 2384 | 177207 | 21547 | 26005 | | | 0.04 | 0.61 | 5.99 | 11.73 |
| Oct'18 | 135230 | 7359 | 142589 | 10756 | 763557 | 2408 | 211921 | 22324 | 35580 | 0 | 0 | 0.04 | 0.56 | 3.09 | 9.73 |
| Nov'18 | 150135 | 9830 | 159965 | 14725 | 561273 | 2458 | 201574 | | 46300 | | | 0.06 | 0.65 | 2.26 | 9.92 |
| Dec'18 | 147598 | 7494 | 155092 | 22269 | 1177953 | 2240 | 188861 | | 50070 | | | 0.09 | 0.65 | 4.93 | 9.38 |
| Jan'19 | 139411 | 18740 | 158151 | 16112 | 1418109 | 3360 | 187484 | | 45455 | | | 0.07 | 0.68 | 6.09 | 14.42 |

Consumption of Key Consumables in 2018-19(Gua)

| Item | HSD | | | Expl | Power | Lubricant | | | | | | | | |
|----------------|----------------|----------|----------------|---------------|-----------------|--------------|----------------|---------------|----------------|---------------|-------------|-------------|-------------|--------------|
| Unit | Litre | | | kg | KWH | Litre/Kg | DEPTT ROM | CONT ROM | DEPTT OB | CONT OB | EXPL | HSD | POWER | LUB |
| NORM | MINES | DGSET | TOTAL | | | | | | | | 0.09 | 0.55 | 4.6 | 25 |
| 2010-11 | 1813564 | 2030 | 1815594 | 367795 | 17584344 | 100224 | 2378504 | 0 | 674441 | 1325210 | 0.08 | 0.54 | 5.76 | 29.61 |
| 2011-12 | 1026199 | 12194 | 1038393 | 121305 | 16608240 | 50419 | 543562 | 0 | 236868 | 225000 | 0.12 | 1.24 | 21.28 | 60.26 |
| 2012-13 | 530895 | 31972 | 562867 | 0 | 15732024 | 22133 | 0 | 0 | 0 | 0 | | | | |
| 2013-14 | 2677615 | 20143 | 2697758 | 423955 | 17447568 | 104254 | 3764538 | 0 | 1344785 | 0 | 0.08 | 0.53 | 3.41 | 20.40 |
| 2014-15 | 2085242 | 22389 | 2107631 | 277410 | 16677691 | 70037 | 2479410 | 0 | 752085 | 0 | 0.09 | 0.65 | 5.16 | 21.67 |
| 2015-16 | 2632296 | 18880 | 2651176 | 413320 | 18358728 | 92732 | 3565810 | 284938 | 1540315 | 198718 | 0.08 | 0.51 | 3.60 | 17.91 |
| 2016-17 | 2933129 | 2804 | 2935933 | 438030 | 18480528 | 106696 | 3774559 | 239976 | 1554059 | 0 | 0.08 | 0.54 | 3.32 | 19.80 |
| 2017-18 | 3087765 | 2220 | 3089985 | 388490 | 18466944 | 105288 | 4002700 | 0 | 1573793 | 0 | 0.07 | 0.55 | 3.31 | 18.88 |
| 2018-19 | 2586446 | 0 | 2586446 | 340836 | 16166952 | 91424 | 2715515 | 363065 | 1167230 | 734052 | 0.07 | 0.62 | 3.81 | 21.99 |
| April'18 | 276728 | 0 | 276728 | 31287 | 1431744 | 8862 | 338418 | 2582 | 127530 | 63773 | 0.06 | 0.57 | 3.06 | 18.37 |
| May'18 | 270020 | 0 | 270020 | 50813 | 1615872 | 10430 | 334185 | 6915 | 158150 | 72018 | 0.09 | 0.53 | 3.24 | 20.37 |
| June'18 | 258325 | 0 | 258325 | 32679 | 1600272 | 12744 | 257871 | 67439 | 81180 | 24963 | 0.09 | 0.71 | 3.94 | 35.19 |
| July'18 | 260075 | 0 | 260075 | 32775 | 1517400 | 7182 | 294142 | 28508 | 104580 | 59553 | 0.07 | 0.62 | 3.55 | 17.07 |
| August'18 | 243950 | 0 | 243950 | 20649 | 1588464 | 6762 | 276580 | 23480 | 110430 | 79560 | 0.04 | 0.59 | 3.87 | 16.38 |
| Sept'18 | 247084 | | 247084 | 29206 | 1576512 | 8848 | 252649 | 49441 | 112680 | 73128 | 0.07 | 0.62 | 3.80 | 22.35 |
| Oct'18 | 258205 | 0 | 258205 | 37420 | 1630224 | 10248 | 259430 | 35091 | 118350 | 72229 | 0.08 | 0.64 | 3.95 | 25.33 |
| Nov'18 | 252101 | | 252101 | 29791 | 1648872 | 7658 | 183324 | 46536 | 166950 | 90543 | 0.07 | 0.66 | 4.16 | 19.91 |
| Dec'18 | 288806 | | 288806 | 39257 | 1788480 | 7364 | 254510 | 56080 | 94500 | 91215 | 0.09 | 0.75 | 4.42 | 19.09 |
| Jan'19 | 231152 | | 231152 | 36960 | 1769112 | 11326 | 264407 | 46993 | 92880 | 107070 | 0.08 | 0.58 | 4.38 | 28.62 |

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

| | | | | | | | | | | Status as on Jan' 2019 | |
|---------------------|----------|----------|---------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| MINE | GRANTED | VALID | AREA | RENEWAL | FOREST CLEARANCE (FC) | | | | | ENVIRONMENTAL CLEARANCE (EC) | |
| KBR-MBR | | | | | | | | | | | |
| Lease-I | 28.03.60 | 31.03.20 | 1936.06 | 17.02.09 | Stage II FC [644.26 Ha] granted by MoEF&CC vide letter dated 26.11.2014. Stage-I FC of South & Central Block (247.5 Ha) was granted by MoEFCC on 18.10.2010. Compliance report has been submitted well within the time & State Govt. forward the proposal to MoEFCC on 13.07.2015. Further, compliance of the queries were forwarded by State Govt. to MoEFCC on 05.04.2016. After approval of MPSM on 08.06.2018, MoEFCC vide letter dated 26.06.2018 requested GoJ to provide some informations. The desired informations were submitted to DFO on 19.07.2018/31.07.2018. The report forwarded to CF on 14.08.2018 but CF asked some additional information on 23.08.2018. The modified reply submitted to DFO on 28.08.2018. The proposal forwarded to PCCF (Nodal) on 28.09.2018 through DFO & RCCF. PCCF (Nodal) forwarded the proposal to PCCF, Jharkhand on 05.10.2018 and forwarded the proposal to Addl. CS (F,E&CC) on 09.10.18. Final recommendation has been forwarded to MoEFCC, GoI on 08.11.2018. Grant of Stage-II FC is awaited from MoEFCC, New Delhi. | | | | | EC granted by MoEFCC for 10 MTPA capacity on 27.12.2006. EC granted by MoEFCC for 16 MTPA capacity on 23.09.2014. CTO for 16 MTPA capacity was granted by JSPCB & renewed upto 31.12.2019. | |
| Lease - II | 06.02.73 | 31.03.20 | 879.439 | 10.01.02 | Forestry clearance for the total broken area of 55.9 Ha was granted on 11.04.2005. | | | | | Ore Beneficiation Plant & loading facilities of Meghahatuburu Iron Ore Mine are located in the lease-II. | |
| Lease - III | 01.10.73 | 31.03.20 | 82 | 26.09.02 | Forestry clearance for the total broken area of 24.23 Ha was granted on 11.04.2005. | | | | | Tailing Pond of Kiriburu Iron Ore Mine is located in the lease-III. | |
| Horomotto | 01.01.70 | 31.12.99 | 1051.98 | - | SAIL has filed Revision application with mining tribunal against State Govt.'s order of lapsing of lease and rejection of lease renewal application. | | | | | No EC | |
| BOLANI | | | | | | | | | | | |
| 5.1 sq. mile lease | 11.04.60 | 09.04.30 | 1321.45 | 26.03.09 | Stage-II FC granted by MoEF&CC on 11.12.2012, 09.07.2013 & 12.11.2014. Stage-I FC for additional 87.09 ha sabik FL was obtained on 12.09.2017. Final Compliance report submitted to DFO, Keonjhar on 22.12.2017. Additional information submitted to DFO, Keonjhar on 10.05.2018. DFO forwarded the compliance report to RCCF on 20.06.2018. Further, RCCF forwarded to Addl. PCCF (NO) on 16.07.2018. APCCF (Nodal) vide letter dated 29.08.2018 directed DFO Keonjhar/Rourkela /Keonjhar (WL) Division to revise the CA schemes due to change in revision of wage rate. The revised scheme was forwarded to RCCF, Baripada on 11.10.18 for approval. Revision & authentication of SZ scheme has been approved by RCCF, Baripada on 30.10.18. Another proposal related to revised CA schemes for 169.72 ha & 5.18 ha were approved by APCCF (NO) on 23.10.18 and after the issuance of demand, online payment of Rs. 1492600 portal was done in MoEFCC on 29.10.18. Subsequently, after necessary modification as per new wage rate, forwarded to APCCF (N) on 22.11.2018 & payment done. Stage-I FC compliance report & recommendation for grant of Stage-II FC has been forwarded to MoEFCC, New Delhi by APCCF (N) on 03.01.2019. | | | | | EC granted for production of Iron Ore 12 MTPA ROM and Installation of 12 MTPA New Beneficiation Plant & 4 MTPA Pellet Plant on 21.12.2012. Consent to Operate for 12 MTPA capacity has been renewed & Valid upto 31.03.2019. | |
| 6.9 sq. mile lease | 14.11.62 | 13.11.82 | 1586.36 | 26.03.02 (2nd RML) | MoEF&CC vide letter dated 24.07.17 issued amended Stage-I FC order. For this proposal FRA certificate issued, double degraded FL identified for CA, PCA land identified & respective schemes are approved on 27.10.2018 and in line with the demand letter received from DFO, Rs 16.35 Crore was paid. Again, the wage rate has been revised & all schemes are reverted back to concerned forest division for modification. In addition to that, Stage-I FC for 124.313 ha Sabik FL was obtained on 12.09.2017. Compliance report submitted to DFO on 22.12.2017 and forwarded to Addl. PCCF (NO) on 02.06.2018. Due to revision in wage rate, CA scheme was revised and the revised compliance report was submitted to DFO on 25.07.2018. Other technical schemes have also been revised and forwarded by DFO, Keonjhar to RCCF, Rourkela on 23.08.2018. The revised SZ scheme (22.122 ha) has been forwarded by DFO, Keonjhar to RCCF, Rourkela on 23.08.2018 for necessary approval. RCCF, Rourkela vide letter dated 06.10.18 approved the scheme at current wage rate.. The complete compliance report w.r.t to differential payment of CA & SZ has been forwarded by DFO, Keonjhar to RCCF, RKL on 29.10.18 & subsequent to Addl. PCCF (N), BBSR. Again, the wage rate has been revised & all schemes are reverted back to concerned forest division for modification. Subsequently, after necessary modification as per new wage rate, forwarded to APCCF (N) on 22.11.2018 & payment done. Stage-I FC compliance report & recommendation for grant of Stage-II FC has been forwarded to MoEFCC, New Delhi by APCCF (N) on 03.01.2019. | | | | | Granted EC on 21.12.12 for production of 15000 TPA Manganese Ore. CTO for handling of 10 MTPA Iron ore lumps & fines and 15000 TPA Mn ore granted by OSPCB & further renewed on 29.03.2018 with validity upto 31.03.2019. | |
| BARSUA-KALTA | | | | | | | | | | | |
| ML No.-130 | 06.01.60 | 05.01.30 | 2486.38 | NA | Stage-II FC granted by MoEF&CC on 06.03.2013. DFO, Bonai vide letter dated 27.02.18 allowed to take up mining operation over 28.90 ha of forest land under Taldih Block-C. Proposal for felling of tree over an area of 58.75 ha in area-5 of Barsua Part has been approved by DFO, Bonai and a meeting was held on 29.10.2018 for settlement/ strategy of tree felling. Offer issued by M/s OFDC on 2.11.2018 for said proposal. | | | | | EC granted by MoEFCC vide letter dated 29th Oct'10. Amended EC for ML 130 lease was granted on 30.03.2016 for redistribution of production from Barsua to 3.5 Mt/yr and Kalta to 2.5 Mt/yr and Talidih to 2.05 Mt/yr. Consent to Operate renewed with validity upto 31.03.2019. CTO of Barsua Railway siding has been granted on 29.03.2018 with validity upto 31.03.2020. | |
| ML No.-162 | 29.04.60 | 28.04.30 | 77.94 | 21.04.99 | Stage-II FC granted on 23.10.17 for diversion of 77.94 ha of forest land. | | | | | Ore Beneficiation Plant, Jigging Plant, Conveyors, part of the Tailing Pond located under this lease. | |
| ML No.-139 | 17.01.75 | 16.01.25 | 25.981 | 04.01.14 | Online Diversion Proposal including safety zone submitted on 22.07.15. On scrutiny of online diversion proposal, DFO noticed some deficiencies and raised query on 26.05.16. Compliance of the query is under process. The matter of identification of CA land was discussed with forest nodal office on 25.10.2018 meeting. CA land over an area of 33.022 ha has been identified & map has been submitted to DFO, Rourkela for preparation of scheme. | | | | | MoEFCC vide letter dated 11.09.2018 accorded TOR and directed to submit EIA/EMP report based on the prescribed TOR. | |
| ML No.-227 | 18.01.84 | 17.01.04 | 3.34 | 04.01.03 | Preparation of Diversion Proposal is under progress | | | | | Non-working lease. Obtaining EC is under progress. | |

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

| | | | | | | | | Status as on January' 2019 | | |
|---------------------|----------|----------|-----------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|--|
| MINE | GRANTED | VALID | AREA | RENEWAL | FORESTRY CLEARANCE (FC) | | | | ENVIRON. CLEARANCE (EC) | |
| | ON | UPTO | (in ha.) | APPL.DATE | | | | | | |
| BHAWANATHPUR | | | | | | | | | | |
| GORGON | 23.10.72 | 31.03.20 | 228.46 | 18.10.11 (2nd RML) | | | | | | |
| GHAGHRA | 23.10.72 | 31.03.20 | 675.68 | 18.10.11 (2nd RML) | Surrender of Bhawanathpur leases i.e Gorgon, Ghagra & Saraiya leases has been approved by SAIL-Board on 30.05.2017. Final Mine Closure Plan has been prepared by M/s MECON and submitted to IBM, Ranchi on 29.03.2018 for approval. IBM vide letter dated 19.07.2018 pointed out some observations. The observation of IBM was duly incorporated and FMCP's were submitted to IBM on 19.09.18.. IBM vide letters dated 05.10.18 directed to submit the supplementary lease deed for Gorgon, Ghagra & Saraiya leases for the period upto 31.03.2020. Vide letters dated 15.10.18, the reply to the IBM query was submitted on 18.10.18. Pending with IBM, Ranchi for approval of FMCP. | | | | | |
| SARAIYA | 31.03.66 | 31.03.20 | 275 | 01.03.07 (3rd RML) | | | | | | |
| PURNAPANI | 06.01.80 | 31.03.20 | 230.53 | 30.12.98 | No forest land involved | | Non-working lease. No EC | | | |
| GHATITANGAR | 29.04.80 | 28.04.00 | 153.51 | 16.04.99 | Matter of lease is under litigation. | | Non-working lease. No EC | | | |
| KUTESHWAR | | | | | | | | | | |
| LEFT BANK LEASE | 15.05.82 | 14.05.22 | 91.14 | NA | No forest land. | | EC granted by MoEFCC vide letter no. J-11015/450/2012-IA.II(M) dated 17.08.2015.CTE application for 0.06 MTPA production submitted on 06.01.2016. CTE for 0.06 MTPA production granted on 10.04.2016. Renewal of CTO was extended by Madhya Pradesh Pollution Control Board upto 31.07.2019. | | | |
| RIGHT BANK LEASE | 10.06.71 | 09.06.21 | 944.89 | NA | No forest land. | | EC granted by MoEFCC vide letter no. J-11015/449/2012-IA.II(M) dated 02.09.2015.CTE granted on 31.12.2015 for 2.32 MTPA expansion. CTO for 2.32 MTPA expansion granted by MPPCB on 23.02.2016 with validity upto 31.01.17. CTO renewed by MPPCB for the period upto 31.01.2020. | | | |
| TULSIDAMAR | 30.10.69 | 31.03.20 | 118.72 | 20.10.08 (2nd RML) | Stage-II FC for 101.32 ha under the lease was granted on 18.12.1997. | | EC was granted on 24.03.1995 as per EIA notification 1994. CTO for 25000 TPM (Dolomite) capacity has been renewed by JSPCB on 28.03.17 for the period upto 31.03.2020. CTO for Rly Siding for 25,000 TPA Dolomite and 60,000 TPA Limestone renewed by JSPCB upto 30.06.2020. In compliance to MoEFCC Office memorandum dated 06.04.2018, ToR application under EIA Notification, 2006 has been submitted in Ministry's portal on 31.08.2018. MoEFCC vide email alert dated 11.09.18 has sought some details & reply submitted on 07.12.2018. EAC meeting held on 23.01.2019. | | | |

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

| MINE | GRANTED ON | VALID UPTO | AREA (in ha) | RENEWAL APPL.DATE | FORESTRY CLEARANCE (FC) | Status as on January' 2019 | |
|-------------------------|---------------|---------------|------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | | | | | | ENVIRONMENT CLEARANCE (EC) | |
| GUA | | | | | | | |
| Durgaiburu | 22.02.49 | 21.02.79 | 1443.76 | 08.02.08 (2nd RML) | Stage-II FC for existing broken area of 274.691 ha has been granted by MoEF on 22.08.2014. Stage-I FC granted for 361.295 ha on 04.03.2014 in addition to 274.691 ha. Stage- I compliance report wa submitted to DFO 02.06.2015. State Govt. vide letter dated 30.07.2015/23.09.2015 forwarded the proposal to MoEFCC, New Delhi for grant of Stage-II FC. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 03.07.2018 requested GoJ to provide some informations. The desired informations were submitted to DFO on 19.07.2018 & forwarded to CF on 08.08.2018. Proposal forwarded to PCCF (N), Ranchi on 18.08.2018. Some more information sought by PCCF (Nodal) was submitted to DFO on 05.09.2018 and subsequently forwarded to PCCF (Nodal) on 26.09.2018. Proposal forwarded to Addl. CS (F,E&CC) on 28.09.2018. The Final recommendation has been forwarded to MoEFCC, GoJ on 19.11.2018. Grant of Stage-II FC is awaited from MoEFCC, New Delhi. | EC granted by MoEF on 25.03.2013. CTO for 12.5 MTPA renewed by JSPCB on 26.12.2016 for the period 01.01.2017 to 31.12.2020. | |
| Jhilingburu - I | 12.05.50 | 11.05.80 | 210.526 | 25.04.09 (2nd RML) | Stage-I FC for 210.526 ha forest land was granted vide MoEF&CC order dated 25.09.2017. Compliance related to CA land indentification is under progress. | ToR for conding EIA study for production of 61,362 TPA Manganese Ore was granted by MoEF &CC on 04.03.2015. Final EIA/EMP report was submitted online on 04.01.2017 for EAC meeting & grant of EC. MoEF&CC on 13.11.17sought additional details and directed to apply online as per notification dated 14.03.17. The reply of the ADS was submitted & as per the provisions of notification dated 14.03.17, the ToR proposal was submitted online on 02.12.17. Again vide notification dated 16.03.2018, MoEFCC directed for re-submission of the ToR proposal. Proposal was re-submitted to MoEFCC online on 4.4.18 for issue of TOR and requested to consider the proposal as a special case as Public hearing already held and final EIA submitted. EAC meeting held on 29.08.2018. ADS asked on 13.09.2018 which is under compliance. | |
| Jhilingburu - II | 12.05.50 | 31.03.20 | 30.43 | 05.05.09 (2nd RML) | Stage-I FC for 30.43 ha of forest land was granted on 29.01.2013. Stage-I FC Compliance Report submitted to DFO, Chaibasa on 20.05.2016 and was forwarded to RO, MoEFCC, Ranchi for grant of Stage-II FC. The query raised by MoEFCC, Ranchi pertaining to CA levies information/record was submitted by Dy. Secy. (F,E&CC Dept.), GoJ to DCF (Central), MoEFCC, Ranchi on 16.01.2018 for further necessary action. The proposal is pending with Regional Office, MoEFCC. | EC has been granted by Jharkhand SEIAA, Ranchi on 10.12.2018 for production of 20820 TPA Manganese ore. | |
| Topailore | 09.03.70 | 31.03.20 | 14.15 | 04.03.99 | Stage-I FC for 14.15 ha of forest land was granted by MoEF on 30.08.13. Stage-I FC compliance submitted to DFO, Saranda on 05.03.2016 and was forwarded to RO, MoEFCC, Ranchi on 03.11.16 for grant of Stage-II FC. | EC granted by SEIAA vide letter no. EC/SEIAA/2015-16/2015/1291 dated 17.08.2015. | |
| CHIRIA | | | | | | | |
| Budhaburu (McLellan) | 08.12.45 | 31.03.20 | 823.617 | 16.11.04 (2nd RML) | Stage I FC granted by MoEFCC vide order no.- 8-70/2009-FC dated 7th March 2011. Compliance of Stage-I FC forwarded by State Govt. to MoEF on 22.09.2014. RO, MoEFCC, BBSR inspected the mine and the report was sent to MoEFCC, New Delhi on 24.07.2015. After approval of MPSM on 08.06.18, MoEFCC vide letter dated 10.08.2018 requested GoJ to provide some informations. In line with that letter, GOJ asked the same on 31.08.2018 which is under compliance. Special Duty Office (F,E&CC) vide letter dated 1.11.18 directed PCCF, Jharkhand & PCCF (Nodal) with a copy to SAIL to submit the information. The pointwise information (except shape/kml files of CA land) was submitted to DFO, Saranda on 14.11.18. Shape/kml files of the lease area and forest area proposed for diversion and sites identified for CA were submitted to DFO, Saranda by MOM, Chiria on 24.12.18. | EC has been granted by MoEF&CC vide letter no - J-11015/249/2009-IA.II (M) dated 23.03.2011 for enhancement of production capacity to 4.2 MTPA. | |
| Ajitaburu | 07.12.47 | 06.12.77 | 323.887 | 04.12.06 (2nd RML) | | EC has been granted by MoEF&CC vide letter no - J-11015/505/ 2007-IA.II (M) dated 31.03.2011 for enhancement of production capacity to 2.8 MTPA. | |
| Sukri - Latur | 22.03.49 | 21.03.79 | 609.554 | 11.03.08 (2nd RML) | | EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 10.06.2013 for production capacity to 0.75 MTPA. | |
| Dhobil | 08.03.48 | 07.03.38 | 513.036 | 06.03.97 (2nd RML) | Forestry clearance is deemed to be exist upto 2038. | EC has been granted by MoEF vide letter no- J-11015/247/ 2009-IA.II (M) dated 24.01.2012 and amended dated 01.05.12 for production capacity to 0.75 MTPA. The amendment of EC for continuation of ore transportation by road for 5 more years beyond June, 2017 was granted on 19.04.17. Consent to Operate for 0.75 MTPA has been renewed by JSPCB on 09.03.2018 for the period up to 31.03.2022. CTO for Manoharpur siding for dispatch of 2.5 lakhs T/month of iron ore was granted by JSPCB on 08.12.16 for period upto 30.06.2021. | |
| Tatiburu | 01.09.49 | 31.08.79 | 38.85 | 24.08.08 (2nd RML) | Virgin & Non-working lease.No FC | No EC | |
| Ankua | 14.06.82 | 31.03.20 | 67.178 | 18.06.11 (2nd RML) | Virgin & Non-working lease.No FC | No EC | |

RMD MANPOWER POSITION AS ON 01.02.2019

| | Executives | Non-Executives | Total |
|----------------------------|-------------------|-----------------------|--------------|
| A. Ore Mines | | | |
| Kiriburu | 88 | 529 | 617 |
| Meghatuburu | 68 | 478 | 546 |
| Bolani | 91 | 409 | 500 |
| Barsua | 65 | 288 | 353 |
| Kalta | 20 | 60 | 80 |
| Gua | 62 | 508 | 570 |
| Chiria | 18 | 54 | 72 |
| A. Total | 412 | 2326 | 2738 |
| B. Flux Mines | | | |
| Purnapani | 0 | 10 | 10 |
| Kuteshwar | 23 | 93 | 116 |
| BNP & TDMR | 12 | 65 | 77 |
| B. Total | 35 | 168 | 203 |
| C. Offices | | | |
| Kolkata | 63 | 30 | 93 |
| Rourkela | 13 | 15 | 28 |
| Bokaro | 2 | 3 | 5 |
| Durgapur | 1 | 4 | 5 |
| Delhi | 3 | 2 | 5 |
| Bhubaneswar | 1 | 2 | 3 |
| Ranchi | 2 | 2 | 4 |
| Burnpur | 0 | 1 | 1 |
| MT | 18 | 0 | 18 |
| C. Total | 103 | 59 | 162 |
| Grand Total (A+B+C) | 550 | 2553 | 3103 |
| Manpower as on 01.12.2018 | 556 | 2580 | 3136 |
| Reduction(-)/Increase(+) | -6 | -27 | -33 |

SAFETY REPORT

1.0 Accident Statistics:

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

1.0 Manhours worked :- R- 394458, C-630061

| | | | |
|---------|---|-------------|----|
| 2.0 PME | 1 | Regular | 31 |
| | 2 | Contractual | 51 |

3.0 Reportable & Near miss- 01 (Meghahatuburu Iron Ore Mines)

4.0 Pit Safety Committee Meeting -- YES [08]

Safety Inspection done:- YES

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

2.1 Works Area:

2.1.1 Safety Audits:

| Sl No. | Audit Type | | Purpose | | Agency involved | Deptts. audited | Period / dates | No. of observations made | No. of points complied |
|--------|------------|------------|------------|------------|-----------------|-----------------|----------------|--------------------------|------------------------|
| | Internal | External | General | ISO 14001 | | | | | |
| | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL |

2.1.2 Safety Inspections:

| Sl. No. | Type of inspection/ agency | Total No. of inspections (major deppts. inspected) | No. of Unsafe acts & conditions observed | Points complied | Balance Points |
|---------|-------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------|-----------------|----------------|
| 1. | Safety officer of SED | 04 | 06 | 04 | 02 |
| 2. | Shop DSOs | | | | |
| 3. | Apex Committee / ISO | 04 | 14 | 14 | 0 |
| 4. | Other schedule/ joint inspections [Housekeeping, Crane, Cable Galleries etc.] | | | | |
| 5. | Any other (Safety Week Inspection at Gua & Kalta) | | | | |

2.1.3

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

| Sl. No. | Name of the programme | No. of programmes | No. of participants | Cumulative | |
|---------|----------------------------|-------------------|---------------------|------------|--------------|
| | | | | Programs | Participants |
| 1 | Refresher Training | 07 | 45 | | |
| 2 | Basic Training | 09 | 62 | | |
| 3 | Skill Development Training | 11 | 11 | | |

(B) Regular Trainings

| Safety Talk | Induction Training | On –the-job/ Refresher Training |
|-------------|--------------------|---------------------------------|
|-------------|--------------------|---------------------------------|

2.1.4 Safety Monitoring &Review:

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

2.1.5 Special Drives & Campaigns

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

2.1.6 Participative Meetings:

| Sl.No. | Name / Type | Quantum | Remarks |
|--------|---------------------------------------------------------------|---------|-----------|
| 1. | Departmental Safety Committee / Deptt. consultative committee | | |
| 2. | Central Safety committee | | |
| 3. | Pit Safety Committee (for mines only) | 09 | All Mines |
| 4. | Any other (DMS Inspection) | | |

2.1.7 Events: (Other than routine)

| Sl. No. | Events | Description |
|---------|------------------------------------------------------|-------------|
| 1. | National Safety Day related activities | |
| 2. | Safety exhibitions & Mela | |
| 3. | Interactions with Statutory bodies | |
| 4. | Participation in external seminars/ papers presented | |
| 5. | Accident free departments/ shops | |
| 6. | Special interactions with Head of Works/ Safety | |

IRON ORE STOCK INVENTORY BEHAVIOUR

January 2019

IRON ORE LUMP

UNIT:'000 TONNES

| PLANT | STK | STK | RECEIPTS | | CONS | | STK | ST+/- | |
|------------|------------|------------|------------|-------------|------------|-------------|------------|-------------|-------------|
| | 01.04.2018 | 01.01.2019 | MTH | CUM | MTH | CUM | 01.02.2019 | MTH | YR |
| BSL | 28 | 37 | 197 | 1958 | 195 | 1976 | 34 | -3 | 6 |
| DSP | 11 | 45 | 80 | 1174 | 106 | 1165 | 21 | -24 | 10 |
| RSP | 11 | 18 | 226 | 1985 | 190 | 1867 | 27 | 9 | 16 |
| ISP | 5 | 7 | 142 | 938 | 111 | 791 | 23 | 16 | 18 |
| BSP | 256 | 195 | | | 260 | 2388 | 16 | -179 | -240 |
| TOT | 311 | 302 | 645 | 6055 | 862 | 8187 | 121 | -181 | -190 |

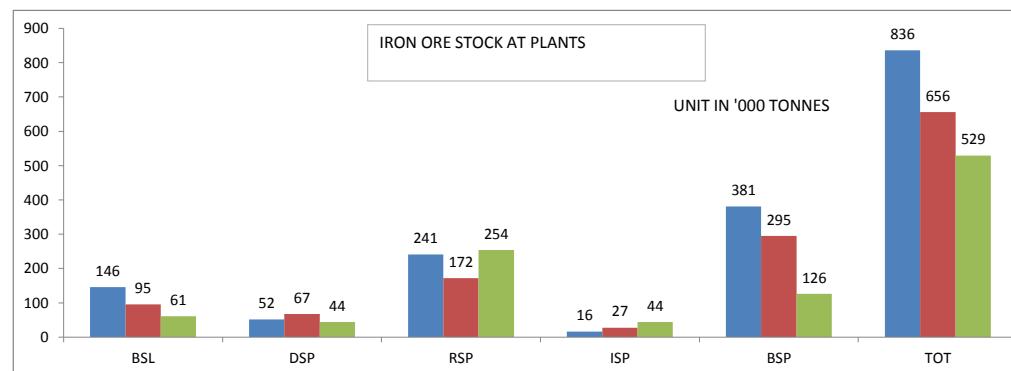
IRON ORE FINES

| PLANT | STK | STK | RECEIPTS | | CONS | | STK | ST+/- | |
|------------|------------|------------|-------------|--------------|-------------|--------------|------------|-----------|-------------|
| | 01.04.2018 | 01.01.2019 | MTH | CUM | MTH | CUM | 01.02.2019 | MTH | YR |
| BSL | 118 | 58 | 325 | 3442 | 395 | 3792 | 27 | -31 | -91 |
| DSP | 41 | 22 | 165 | 2214 | 164 | 2233 | 23 | 1 | -18 |
| RSP | 230 | 154 | 358 | 3361 | 407 | 3862 | 227 | 73 | -3 |
| ISP | 11 | 20 | 288 | 2242 | 322 | 2390 | 21 | 1 | 10 |
| BSP | 125 | 100 | | 58 | 365 | 3639 | 110 | 10 | -15 |
| TOT | 525 | 354 | 1136 | 11317 | 1653 | 15916 | 408 | 54 | -117 |

IRON ORE TOTAL

| PLANT | STK | STK | RECEIPTS | | CONS | | STK | ST+/- | |
|------------|------------|------------|-------------|--------------|-------------|--------------|------------|-------------|-------------|
| | 01.04.2018 | 01.01.2019 | MTH | CUM | MTH | CUM | 01.02.2019 | MTH | YR |
| BSL | 146 | 95 | 522 | 5400 | 590 | 5768 | 61 | -34 | -85 |
| DSP | 52 | 67 | 245 | 3388 | 270 | 3398 | 44 | -23 | -8 |
| RSP | 241 | 172 | 584 | 5346 | 597 | 5729 | 254 | 82 | 13 |
| ISP | 16 | 27 | 430 | 3180 | 433 | 3181 | 44 | 17 | 28 |
| BSP | 381 | 295 | | 58 | 625 | 6027 | 126 | -169 | -255 |
| TOT | 836 | 656 | 1781 | 17372 | 2515 | 24103 | 529 | -127 | -307 |

* BSP RECEIPT FROM RMD MINES



PRODUCTION PERFORMANCE

January 2019

हॉट मेटल

UNIT 000 TONNES

| संयंत्र | FOR THE MONTH | | | CUML FOR YR | | | LAST YR | GRTH % |
|------------------------------|---------------|-------------|-----------|--------------|--------------|-----------|--------------|-----------|
| | TGT | ACT | %FF | TGT | ACT | %FF | | |
| बोकारो | 432 | 352 | 81 | 3920 | 3477 | 89 | 3344 | 4 |
| दूर्गापूर | 208 | 207 | 100 | 2193 | 2104 | 96 | 1848 | 14 |
| राऊरकेला | 331 | 362 | 109 | 3372 | 3174 | 94 | 2742 | 16 |
| बर्नपूर | 235 | 230 | 98 | 2255 | 1751 | 78 | 1697 | 3 |
| पूर्वी इस्पात संयंत्र | 1206 | 1151 | 95 | 11740 | 10506 | 89 | 9631 | 9 |
| भिलाई | 654 | 399 | 61 | 5206 | 3873 | 74 | 3528 | 10 |
| TOTAL | 1860 | 1550 | 83 | 16946 | 14379 | 85 | 13159 | 9 |

सिन्तर

UNIT 000 TONNES

| संयंत्र | FOR THE MONTH | | | CUML FOR YR | | | LAST YR | GRTH % |
|------------------------------|---------------|-------------|------------|--------------|--------------|-----------|--------------|-----------|
| | TGT | ACT | %FF | TGT | ACT | %FF | | |
| बोकारो | 425 | 493 | 116 | 4514 | 4861 | 108 | 4666 | 4 |
| दूर्गापूर | 260 | 250 | 96 | 2741 | 2795 | 102 | 2570 | 9 |
| राऊरकेला | 512 | 596 | 116 | 5219 | 5226 | 100 | 4318 | 21 |
| बर्नपूर | 339 | 341 | 101 | 3256 | 2661 | 82 | 2732 | -3 |
| पूर्वी इस्पात संयंत्र | 1536 | 1680 | 109 | 15730 | 15543 | 99 | 14286 | 9 |
| भिलाई | 867 | 590 | 68 | 7732 | 5635 | 73 | 5294 | 6 |
| TOTAL | 2403 | 2270 | 94 | 23462 | 21178 | 90 | 19580 | 8 |

IRON ORE RECEIPTS FOR THE MONTH OF January 2019

FIGS IN '000 T

| | Lump Receipt | | | | | | | | | | |
|-----|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | KBR | MBR | BOL | BAR | TAL | KAL | GUA | PUR | MPR | DRZ | TOT |
| BSL | 27 | 19 | 55 | 58 | | 3 | 5 | | 30 | | 196 |
| DSP | | | 68 | | | | 12 | | | | 81 |
| RSP | 52 | 81 | | 7 | | 82 | | | 4 | | 225 |
| ISP | | | 49 | | | | 79 | | 14 | | 142 |
| BSP | | | | | | | | | | | |
| TOT | 79 | 100 | 172 | 64 | | 85 | 96 | | 48 | | 644 |

| | Fines Receipt | | | | | | | | | | |
|-----|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | KBR | MBR | BOL | BAR | TAL | KAL | GUA | PUR | MPR | DRZ | TOT |
| BSL | 70 | 74 | 32 | 118 | | | 5 | | 26 | | 325 |
| DSP | | 7 | 133 | | | | 25 | | | | 165 |
| RSP | 161 | 125 | | 3 | | 69 | | | | | 358 |
| ISP | | 8 | 97 | | | | 172 | | 11 | | 288 |
| BSP | | | 3 | | | | | | | | 3 |
| TOT | 230 | 213 | 266 | 121 | | 69 | 202 | | 38 | | 1139 |

| | Total Receipt | | | | | | | | | | |
|-----|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | KBR | MBR | BOL | BAR | TAL | KAL | GUA | PUR | MPR | DRZ | TOT |
| BSL | 96 | 93 | 87 | 175 | | 3 | 10 | | 56 | | 521 |
| DSP | | 7 | 202 | | | | 37 | | | | 246 |
| RSP | 213 | 206 | | 10 | | 151 | | | 4 | | 583 |
| ISP | | 8 | 146 | | | | 251 | | 25 | | 430 |
| BSP | | | 3 | | | | | | | | 3 |
| TOT | 309 | 313 | 438 | 185 | | 154 | 298 | | 85 | | 1783 |

IRON ORE RECEIPTS TILL THE MONTH OF January 2019

FIGS IN '000 T

| | Lump Receipt | | | | | | | | | | |
|-----|--------------|-----|------|-----|-----|-----|-----|-----|-----|-----|------|
| | KBR | MBR | BOL | BAR | TAL | KAL | GUA | PUR | MPR | DRZ | TOT |
| BSL | 300 | 305 | 587 | 165 | 37 | 317 | 33 | | 214 | | 1958 |
| DSP | | 7 | 844 | | | | 323 | | | | 1174 |
| RSP | 533 | 529 | | 264 | 141 | 424 | | | 88 | 6 | 1985 |
| ISP | | 3 | 345 | | | | 556 | | 34 | | 938 |
| BSP | | | | | | | | | | | |
| TOT | 833 | 844 | 1776 | 429 | 178 | 741 | 912 | | 336 | 6 | 6055 |

| | Fines Receipt | | | | | | | | | | |
|-----|---------------|------|------|-----|-----|-----|------|-----|-----|-----|-------|
| | KBR | MBR | BOL | BAR | TAL | KAL | GUA | PUR | MPR | DRZ | TOT |
| BSL | 871 | 856 | 540 | 664 | 98 | 123 | 93 | | 197 | | 3442 |
| DSP | | 101 | 1380 | | | | 733 | | | | 2214 |
| RSP | 1472 | 1135 | | 184 | | 514 | | | 56 | | 3361 |
| ISP | 3 | 148 | 851 | | | | 1208 | | 32 | | 2242 |
| BSP | 53 | 8 | | | | | | | | | 61 |
| TOT | 2399 | 2248 | 2771 | 848 | 98 | 637 | 2034 | | 285 | | 11320 |

| | Total Receipt | | | | | | | | | | |
|-----|---------------|------|------|------|-----|------|------|-----|-----|-----|-------|
| | KBR | MBR | BOL | BAR | TAL | KAL | GUA | PUR | MPR | DRZ | TOT |
| BSL | 1171 | 1161 | 1127 | 829 | 135 | 440 | 126 | | 411 | | 5400 |
| DSP | | 108 | 2224 | | | | 1056 | | | | 3388 |
| RSP | 2005 | 1664 | | 448 | 141 | 938 | | | 144 | 6 | 5346 |
| ISP | 3 | 151 | 1196 | | | | 1764 | | 66 | | 3180 |
| BSP | 53 | 8 | | | | | | | | | 61 |
| TOT | 3232 | 3092 | 4547 | 1277 | 276 | 1378 | 2946 | | 621 | 6 | 17375 |

BASE FREIGHT IN RS PER TONNE FOR TRAIN LOAD

| | BSL (BSCS) | | DSP (DSEY) | | RSP (HSPG) | | IISCO (IISD) | | BSP (BSPC) | |
|---------------------|------------|----------------|------------|----------------|------------|---------------|--------------|----------------|------------|----------------|
| IRON ORE | DIST | FRT | DIST | FRT | DIST | FRT | DIST | FRT | DIST | FRT |
| 165 CLASS-170 CLASS | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> |
| KRBU(N/B) (FOS) | 371 | 666.60 | 409 | 747.70 | 94 | 203.50 | 377 | 706.90 | 539 | 951.20 |
| KRBU(O/B) (SOBK) | 371 | 666.60 | 409 | 747.70 | 94 | 203.50 | 377 | 706.90 | 539 | 951.20 |
| MBR (SSMK) | 371 | 666.60 | 409 | 747.70 | 94 | 203.50 | 377 | 706.90 | 539 | 951.20 |
| BOLANI (BYFS) | 272 | 508.70 | 318 | 587.20 | 227 | 467.80 | 286 | 549.10 | 673 | 1193.30 |
| BARSUA (PBSB) | 342 | 626.90 | 390 | 706.90 | 73 | 203.50 | 356 | 666.60 | 519 | 951.20 |
| ROXY (HLSR) | 332 | 626.90 | 379 | 706.90 | 63 | 203.50 | 346 | 626.90 | 509 | 951.20 |
| GUA (ISCG) | 265 | 508.70 | 311 | 587.20 | 220 | 426.80 | 279 | 549.10 | 665 | 1193.30 |
| MANOHARPUR (IISM) | 241 | 467.60 | 287 | 549.10 | 37 | 203.50 | 255 | 508.70 | 483 | 869.20 |
| DALLIRAJHARA (DRZ) | 827 | 1433.00 | 871 | 1512.10 | 537 | 951.20 | 832 | 1433.00 | 83 | 203.50 |

| | BSL (BSCS) | | DSP (DSEY) | | RSP (HSPG) | | IISCO (IISD) | | BSP (BSPC) | |
|----------------------|------------|----------------|------------|----------------|------------|----------------|--------------|----------------|------------|----------------|
| FLUX | DIST | FRT | DIST | FRT | DIST | FRT | DIST | FRT | DIST | FRT |
| 145 CLASS -150 CLASS | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> |
| BHAWANATHPUR (PSBS) | 369 | 585.80 | 491 | 763.80 | 563 | 907.30 | 459 | 727.40 | 909 | 1398.20 |
| KHANABANJARI (KHBJ) | 712 | 1119.70 | 834 | 1259.30 | 680 | 1048.70 | 802 | 1259.30 | 496 | 763.80 |

BUSY SEASON FREIGHT IN RS PER TONNE FOR TRAIN LOAD

| | BSL (BSCS) | | DSP (DSEY) | | RSP (HSPG) | | IISCO (IISD) | | BSP (BSPC) | |
|---------------------|------------|---------------|------------|---------------|------------|---------------|--------------|---------------|------------|---------------|
| IRON ORE | DIST | FRT | DIST | FRT | DIST | FRT | DIST | FRT | DIST | FRT |
| 165 CLASS-170 CLASS | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> |
| KRBU(N/B) (FOS) | 371 | 805 | 409 | 903 | 94 | 246 | 377 | 854 | 539 | 1149 |
| KRBU(O/B) (SOBK) | 371 | 805 | 409 | 903 | 94 | 246 | 377 | 854 | 539 | 1149 |
| MBR (SSMK) | 371 | 805 | 409 | 903 | 94 | 246 | 377 | 854 | 539 | 1149 |
| BOLANI (BYFS) | 272 | 614 | 318 | 709 | 227 | 565 | 286 | 663 | 673 | 1441 |
| BARSUA (PBSB) | 342 | 757 | 390 | 854 | 73 | 246 | 356 | 805 | 519 | 1149 |
| ROXY (HLSR) | 332 | 757 | 379 | 854 | 63 | 246 | 346 | 757 | 509 | 1149 |
| GUA (ISCG) | 265 | 614 | 311 | 709 | 220 | 515 | 279 | 663 | 665 | 1441 |
| MANOHARPUR (IISM) | 241 | 565 | 287 | 663 | 37 | 246 | 255 | 614 | 483 | 1050 |
| DALLIRAJHARA (DRZ) | 827 | 1730 | 871 | 1826 | 537 | 1149 | 832 | 1730 | 83 | 246 |

| | BSL (BSCS) | | DSP (DSEY) | | RSP (HSPG) | | IISCO (IISD) | | BSP (BSPC) | |
|----------------------|------------|---------------|------------|---------------|------------|---------------|--------------|---------------|------------|---------------|
| FLUX | DIST | FRT | DIST | FRT | DIST | FRT | DIST | FRT | DIST | FRT |
| 145 CLASS -150 CLASS | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> | Km | <u>Nov-18</u> |
| BHAWANATHPUR (PSBS) | 369 | 707 | 491 | 922 | 563 | 1096 | 459 | 878 | 909 | 1688 |
| KHANABANJARI (KHBJ) | 712 | 1352 | 834 | 1521 | 680 | 1266 | 802 | 1521 | 496 | 922 |