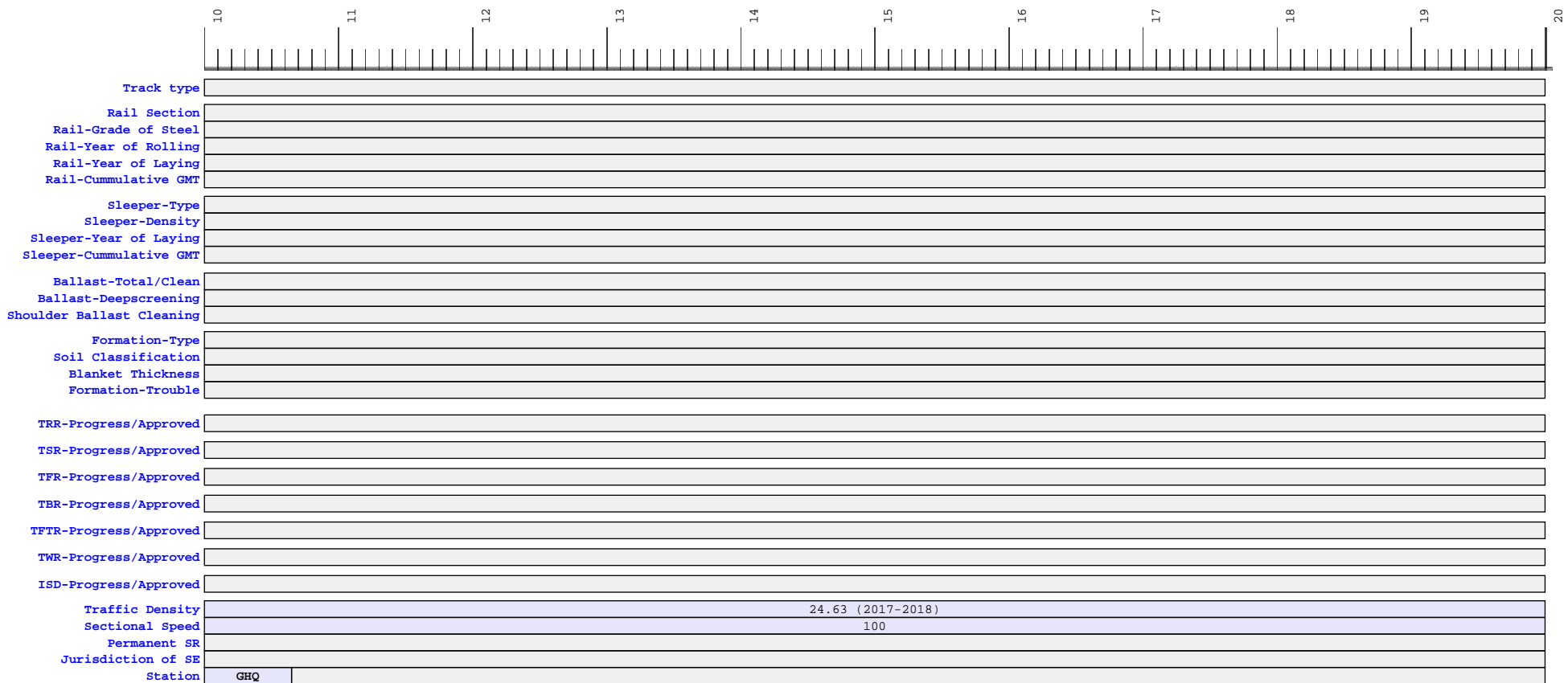


**Legend:**

|                     |                             |                          |                          |                   |
|---------------------|-----------------------------|--------------------------|--------------------------|-------------------|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                   |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK       |
| Grade of Steel      | 880                         | 710                      | N/A                      |                   |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                   |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ     |
| Formation Type      | BANK                        | CUTTING                  |                          |                   |
| Soil Classification | GW,SW                       | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC           | ML,ML-CL,CL,MI,CI |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                   |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                   |

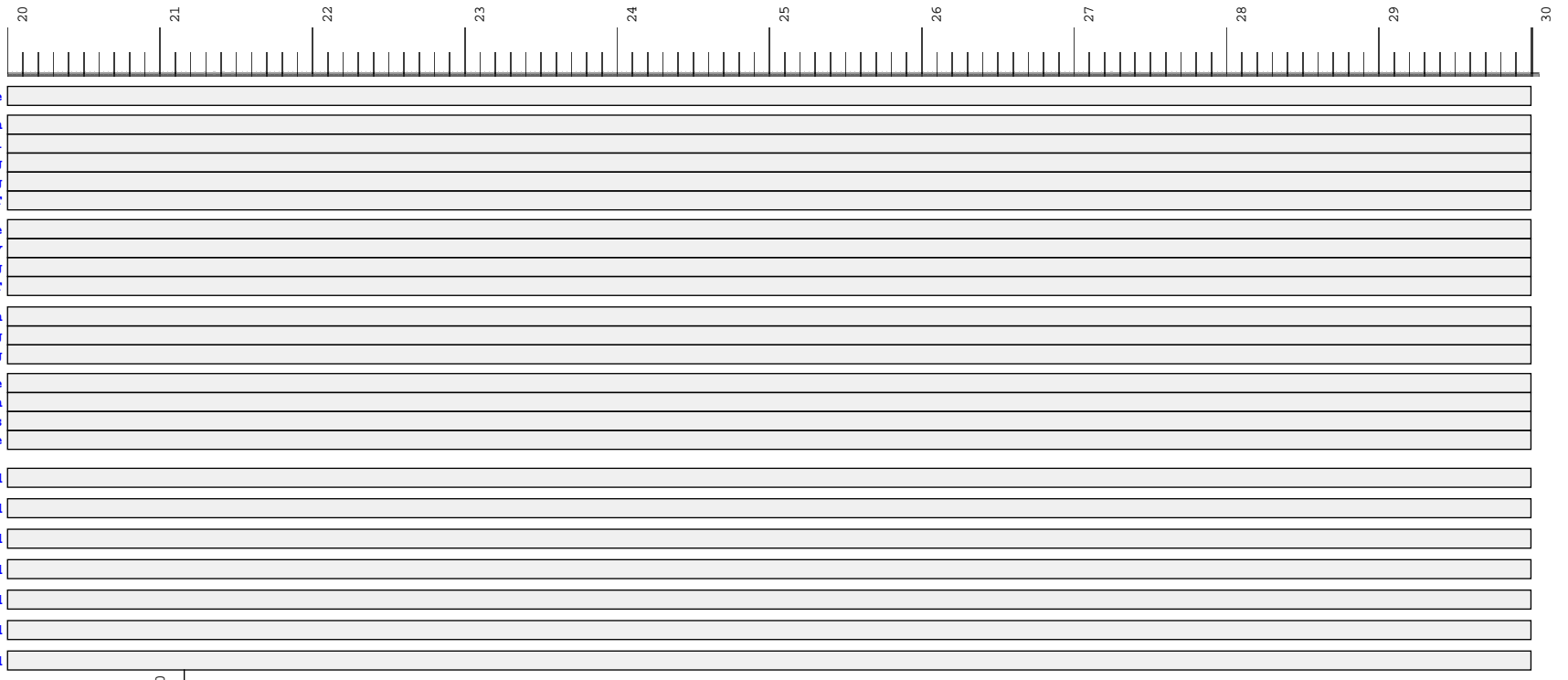
| East Central Railway           |                            |
|--------------------------------|----------------------------|
| Dhanbad Division               |                            |
| Sr.ADEN/ADEN                   | ADEN/DTO, ADEN/RNQ         |
| Sr.DEN/DEN                     | Sr DEN/1/DHN, Sr.DEN/4/DHN |
| Section                        | Garwaroad-Billi            |
| Line                           | Single Line                |
| Route Class/Gauge              | D Spl/BG                   |
| TRACK DIAGRAM as on 15/07/2021 |                            |



**Legend:**

|                     |                             |                          |                          |                |                   |               |               |                             |            |                            |                         |  |  |
|---------------------|-----------------------------|--------------------------|--------------------------|----------------|-------------------|---------------|---------------|-----------------------------|------------|----------------------------|-------------------------|--|--|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                |                   |               |               |                             |            |                            |                         |  |  |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK    |                   |               |               |                             |            |                            |                         |  |  |
| Grade of Steel      | 880                         | 710                      | N/A                      |                |                   |               |               |                             |            |                            |                         |  |  |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                |                   |               |               |                             |            |                            |                         |  |  |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ  | PSC 52 Kg SEJ     | PSC 60 Kg T/O | PSC 52 Kg T/O | PSC Bridge Approach Sleeper | LC Sleeper | PSC Bridge Central Sleeper | Wide Base Sleeper 60 Kg |  |  |
| Formation Type      | BANK                        | CUTTING                  |                          |                |                   |               |               |                             |            |                            |                         |  |  |
| Soil Classification | GW,SW                       |                          | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC | ML,ML-CL,CL,MI,CI |               |               |                             |            |                            |                         |  |  |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                |                   |               |               |                             |            |                            |                         |  |  |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                |                   |               |               |                             |            |                            |                         |  |  |

|                                |                 |
|--------------------------------|-----------------|
| Sr.ADEN/ADEN                   |                 |
| Sr.DEN/DEN                     |                 |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | /               |
| TRACK DIAGRAM as on 15/07/2021 |                 |



21/160

|                    |     |                   |
|--------------------|-----|-------------------|
| Traffic Density    |     | 24.63 (2017-2018) |
| Sectional Speed    | 100 |                   |
| Permanent SR       |     |                   |
| Jurisdiction of SE |     |                   |
| Station            | MQX |                   |

**Legend:**

|                     |                             |                          |                 |                          |                   |               |               |                             |            |                            |                         |
|---------------------|-----------------------------|--------------------------|-----------------|--------------------------|-------------------|---------------|---------------|-----------------------------|------------|----------------------------|-------------------------|
| Track Type          | LWR                         | SWR                      | FP/SR           |                          |                   |               |               |                             |            |                            |                         |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK     | 60KG D MARK              |                   |               |               |                             |            |                            |                         |
| Grade of Steel      | B80                         | 710                      | N/A             |                          |                   |               |               |                             |            |                            |                         |
| Sleeper Density     | 1540                        | 1660                     | N/A             |                          |                   |               |               |                             |            |                            |                         |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper | PSC 60 Kg SEJ            | PSC 52 Kg SEJ     | PSC 60 Kg T/O | PSC 52 Kg T/O | PSC Bridge Approach Sleeper | LC Sleeper | PSC Bridge Central Sleeper | WIDE Base Sleeper 60 Kg |
| Formation Type      | BANK                        | CUTTING                  |                 |                          |                   |               |               |                             |            |                            |                         |
| Soil Classification | GW,SW                       |                          | GP,SP,GM,GM-GC  | GC,SM,SC,SM-SC           | ML,ML-CL,CL,MI,CI |               |               |                             |            |                            |                         |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material |                 | Failure of Formation Top |                   |               |               |                             |            |                            |                         |
| Renewal Work        | Sanctioned                  | Completed                |                 | Not Completed            |                   |               |               |                             |            |                            |                         |

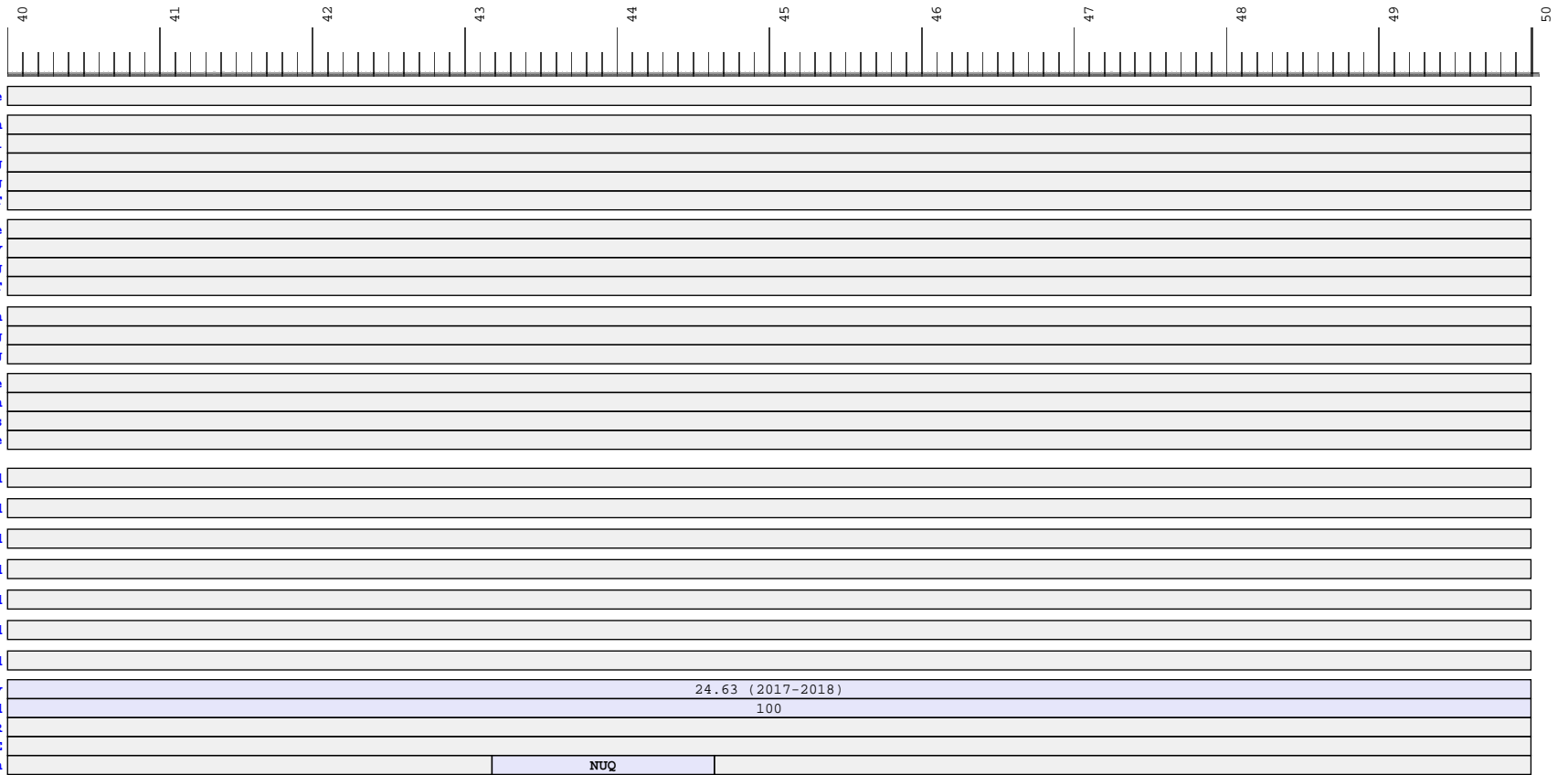
|                                |                 |
|--------------------------------|-----------------|
| Sr.ADEN/ADEN                   |                 |
| Sr.DEN/DEN                     |                 |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | /               |
| TRACK DIAGRAM as on 15/07/2021 |                 |

|                           |                   |    |        |    |    |    |    |    |    |    |    |
|---------------------------|-------------------|----|--------|----|----|----|----|----|----|----|----|
|                           | 30                | 31 | 32     | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| Track type                |                   |    |        |    |    |    |    |    |    |    |    |
| Rail Section              |                   |    |        |    |    |    |    |    |    |    |    |
| Rail-Grade of Steel       |                   |    |        |    |    |    |    |    |    |    |    |
| Rail-Year of Rolling      |                   |    |        |    |    |    |    |    |    |    |    |
| Rail-Year of Laying       |                   |    |        |    |    |    |    |    |    |    |    |
| Rail-Cummulative GMT      |                   |    |        |    |    |    |    |    |    |    |    |
| Sleeper-Type              |                   |    |        |    |    |    |    |    |    |    |    |
| Sleeper-Density           |                   |    |        |    |    |    |    |    |    |    |    |
| Sleeper-Year of Laying    |                   |    |        |    |    |    |    |    |    |    |    |
| Sleeper-Cummulative GMT   |                   |    |        |    |    |    |    |    |    |    |    |
| Ballast-Total/Clean       |                   |    |        |    |    |    |    |    |    |    |    |
| Ballast-Deepscreening     |                   |    |        |    |    |    |    |    |    |    |    |
| Shoulder Ballast Cleaning |                   |    |        |    |    |    |    |    |    |    |    |
| Formation-Type            |                   |    |        |    |    |    |    |    |    |    |    |
| Soil Classification       |                   |    |        |    |    |    |    |    |    |    |    |
| Blanket Thickness         |                   |    |        |    |    |    |    |    |    |    |    |
| Formation-Trouble         |                   |    |        |    |    |    |    |    |    |    |    |
| TRR-Progress/Approved     |                   |    |        |    |    |    |    |    |    |    |    |
| TSR-Progress/Approved     |                   |    |        |    |    |    |    |    |    |    |    |
| TFR-Progress/Approved     |                   |    |        |    |    |    |    |    |    |    |    |
| TBR-Progress/Approved     |                   |    |        |    |    |    |    |    |    |    |    |
| TFTR-Progress/Approved    |                   |    |        |    |    |    |    |    |    |    |    |
| TWR-Progress/Approved     |                   |    |        |    |    |    |    |    |    |    |    |
| ISD-Progress/Approved     |                   |    |        |    |    |    |    |    |    |    |    |
|                           |                   |    | 32/370 |    |    |    |    |    |    |    |    |
| Traffic Density           | 24.63 (2017-2018) |    |        |    |    |    |    |    |    |    |    |
| Sectional Speed           | 100               |    |        |    |    |    |    |    |    |    |    |
| Permanent SR              |                   |    |        |    |    |    |    |    |    |    |    |
| Jurisdiction of SE        |                   |    |        |    |    |    |    |    |    |    |    |
| Station                   |                   |    | RMF    |    |    |    |    |    |    |    |    |

**Legend:**

|                     |                             |           |                          |                          |               |                   |               |                             |            |                            |                         |
|---------------------|-----------------------------|-----------|--------------------------|--------------------------|---------------|-------------------|---------------|-----------------------------|------------|----------------------------|-------------------------|
| Track Type          | LWR                         | SWR       | FP/SR                    |                          |               |                   |               |                             |            |                            |                         |
| Rail Section        | 52 Kg                       | 60 Kg     | 52KG D MARK              | 60KG D MARK              |               |                   |               |                             |            |                            |                         |
| Grade of Steel      | B80                         | 710       | N/A                      |                          |               |                   |               |                             |            |                            |                         |
| Sleeper Density     | 1540                        | 1660      | N/A                      |                          |               |                   |               |                             |            |                            |                         |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg | Channel Sleeper          | PSC 60 Kg SEJ            | PSC 52 Kg SEJ | PSC 60 Kg T/O     | PSC 52 Kg T/O | PSC Bridge Approach Sleeper | LC Sleeper | PSC Bridge Central Sleeper | WIDE Base Sleeper 60 Kg |
| Formation Type      | BANK                        | CUTTING   |                          |                          |               |                   |               |                             |            |                            |                         |
| Soil Classification | GW,SW                       |           | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC           |               | ML,ML-CL,CL,MI,CI |               |                             |            |                            |                         |
| Formation Trouble   | Failure of Base or Sub-Soil |           | Failure of Fill Material | Failure of Formation Top |               |                   |               |                             |            |                            |                         |
| Renewal Work        | Sanctioned                  |           | Completed                | Not Completed            |               |                   |               |                             |            |                            |                         |

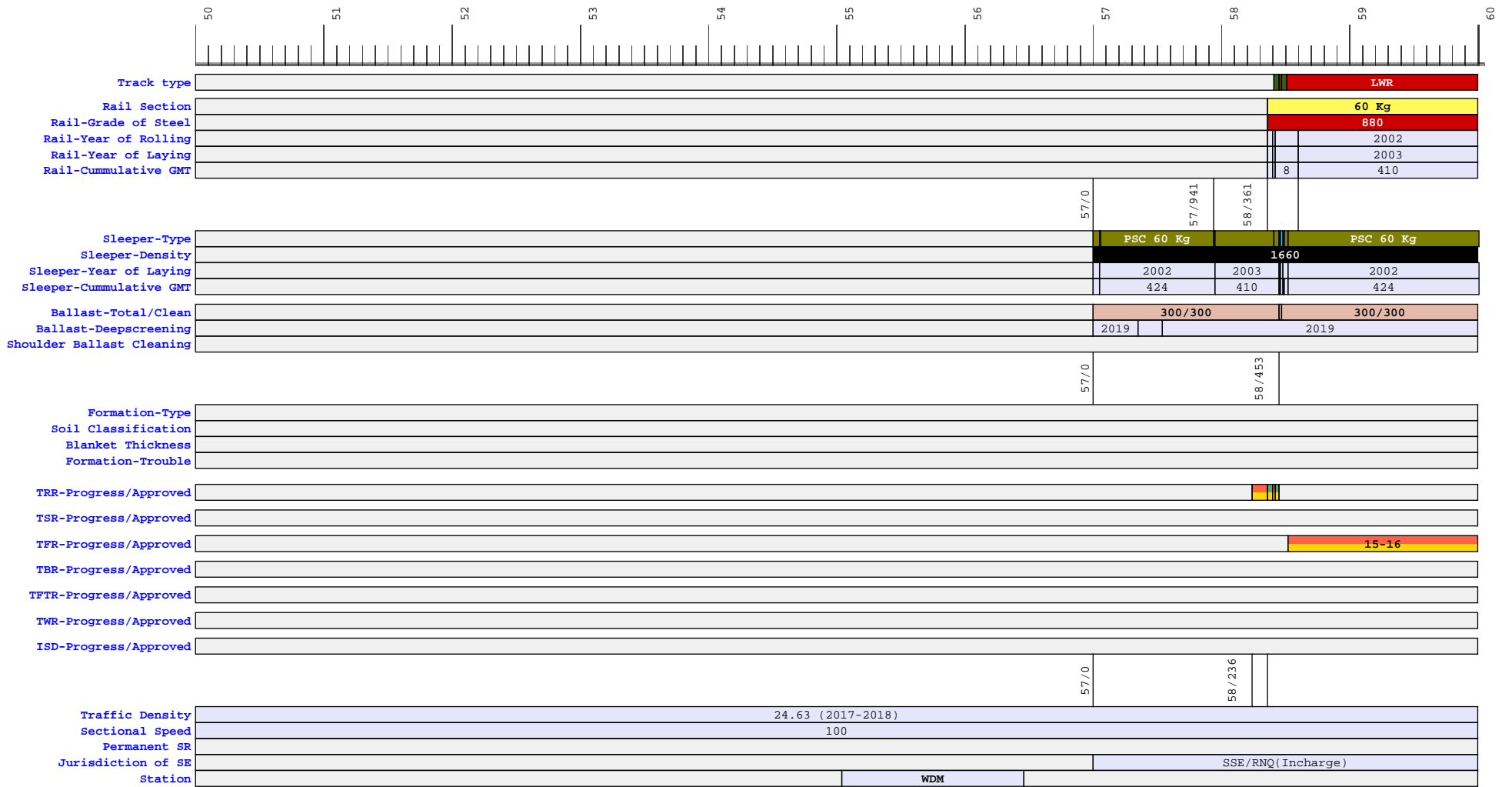
|                                |                 |
|--------------------------------|-----------------|
| Sr.ADEN/ADEN                   |                 |
| Sr.DEN/DEN                     |                 |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | /               |
| TRACK DIAGRAM as on 15/07/2021 |                 |



**Legend:**

|                     |                                 |           |                             |                             |                  |                   |                  |                                   |            |                                  |                               |  |
|---------------------|---------------------------------|-----------|-----------------------------|-----------------------------|------------------|-------------------|------------------|-----------------------------------|------------|----------------------------------|-------------------------------|--|
| Track Type          | LWR                             | SWR       | FP/SR                       |                             |                  |                   |                  |                                   |            |                                  |                               |  |
| Rail Section        | 52 Kg                           | 60 Kg     | 52KG D<br>MARK              | 60KG D<br>MARK              |                  |                   |                  |                                   |            |                                  |                               |  |
| Grade of Steel      | 880                             | 710       | N/A                         |                             |                  |                   |                  |                                   |            |                                  |                               |  |
| Sleeper Density     | 1540                            | 1660      | N/A                         |                             |                  |                   |                  |                                   |            |                                  |                               |  |
| Sleeper Type        | PSC 52 Kg                       | PSC 60 Kg | Channel<br>Sleeper          | PSC 60 Kg<br>SEJ            | PSC 52 Kg<br>SEJ | PSC 60 Kg<br>T/O  | PSC 52 Kg<br>T/O | PSC Bridge<br>Approach<br>Sleeper | LC Sleeper | PSC Bridge<br>Central<br>Sleeper | Wide Base<br>Sleeper 60<br>Kg |  |
| Formation Type      | BANK                            | CUTTING   |                             |                             |                  |                   |                  |                                   |            |                                  |                               |  |
| Soil Classification | GW,SW                           |           | GP,SP,GM,GM-GC              | GC,SM,SC,SM-SC              |                  | ML,ML-CL,CL,MI,CI |                  |                                   |            |                                  |                               |  |
| Formation Trouble   | Failure of Base or Sub-<br>Soil |           | Failure of Fill<br>Material | Failure of Formation<br>Top |                  |                   |                  |                                   |            |                                  |                               |  |
| Renewal Work        | Sanctioned                      |           | Completed                   | Not Completed               |                  |                   |                  |                                   |            |                                  |                               |  |

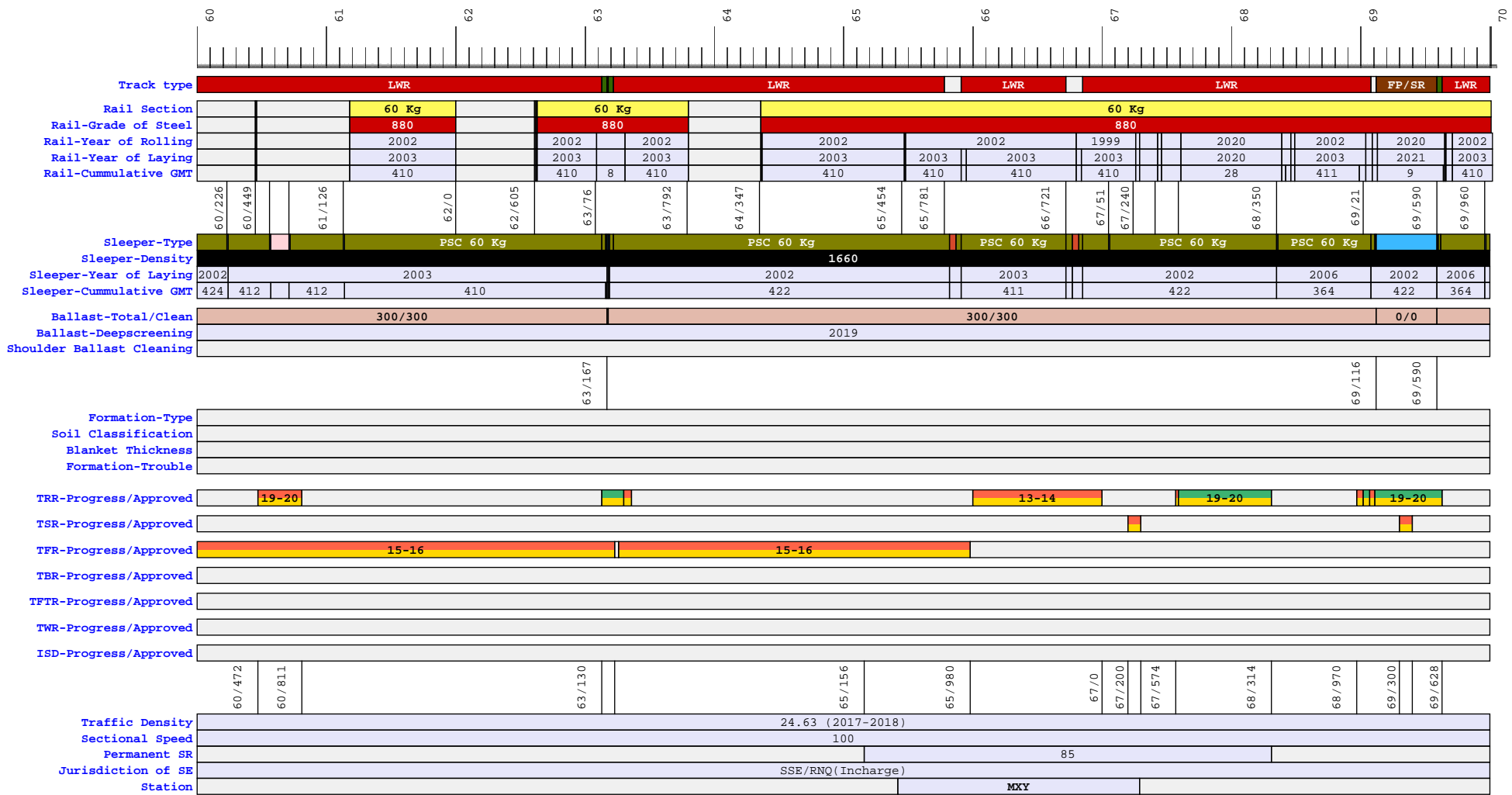
|                                |                 |
|--------------------------------|-----------------|
| Sr.ADEN/ADEN                   |                 |
| Sr.DEN/DEN                     |                 |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route<br>Class/Gauge           | /               |
| TRACK DIAGRAM as on 15/07/2021 |                 |



**Legend:**

|                     |                             |                          |                          |                   |
|---------------------|-----------------------------|--------------------------|--------------------------|-------------------|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                   |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK       |
| Grade of Steel      | 880                         | 710                      | N/A                      |                   |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                   |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ     |
| Formation Type      | BANK                        | CUTTING                  |                          |                   |
| Soil Classification | GW,SW                       | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC           | ML,ML-CL,CL,MI,CI |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                   |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                   |

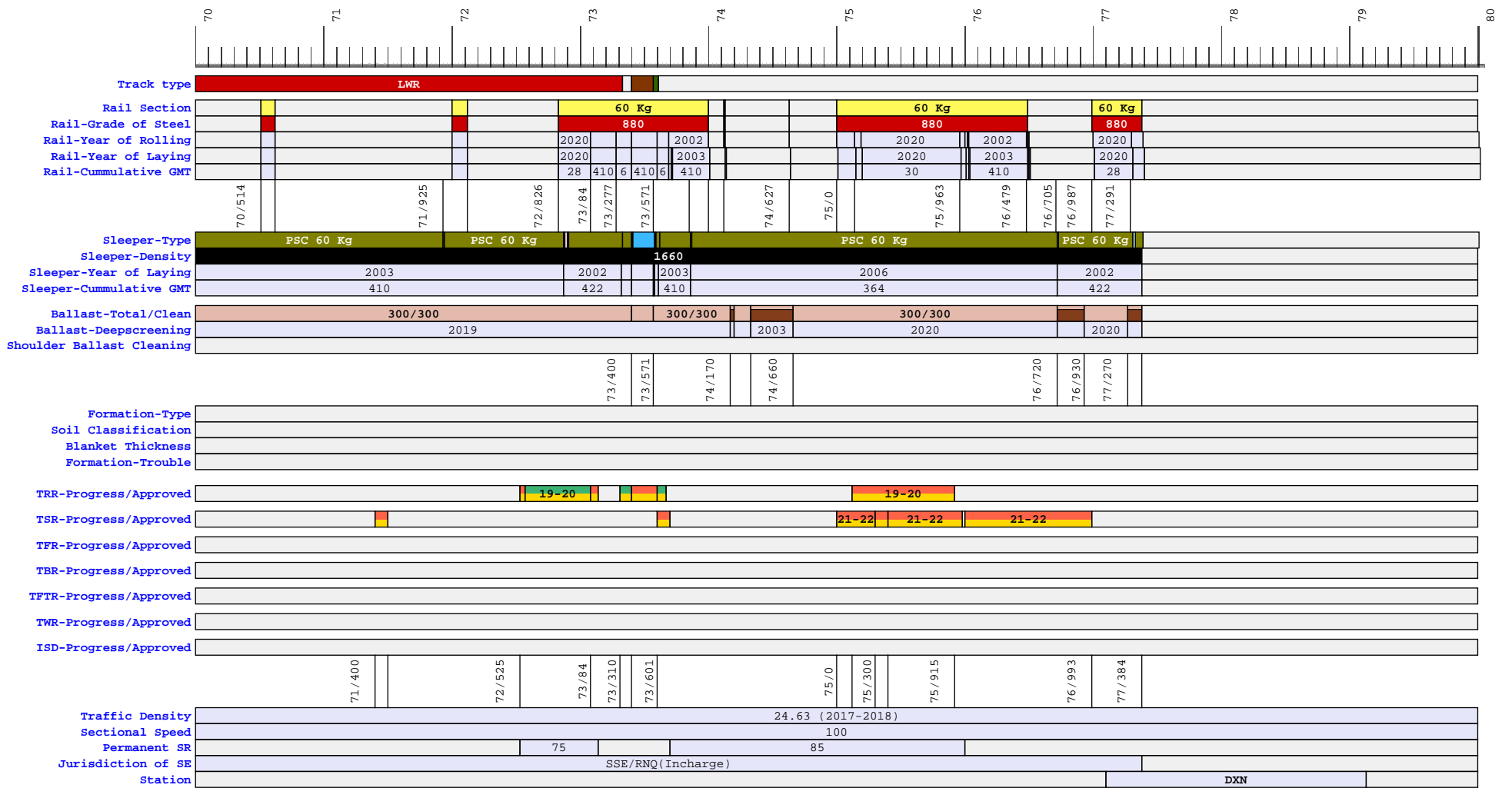
|                                |                 |
|--------------------------------|-----------------|
| <b>East Central Railway</b>    |                 |
| <b>Dhanbad Division</b>        |                 |
| Sr.ADEN/ADEN                   | ADEN/RNQ        |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN    |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | D Spl/BG        |
| TRACK DIAGRAM as on 15/07/2021 |                 |



**Legend:**

|                     |                             |           |                          |                             |
|---------------------|-----------------------------|-----------|--------------------------|-----------------------------|
| Track Type          | LWR                         | SWR       | FP/SR                    |                             |
| Rail Section        | 52 Kg                       | 60 Kg     | 52KG D MARK              | 60KG D MARK                 |
| Grade of Steel      | 880                         | 710       | N/A                      |                             |
| Sleeper Density     | 1540                        | 1660      | N/A                      |                             |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg | Channel Sleeper          | PSC 60 Kg SEJ               |
|                     |                             |           |                          | PSC 52 Kg SEJ               |
|                     |                             |           |                          | PSC 60 Kg T/O               |
|                     |                             |           |                          | PSC 52 Kg T/O               |
|                     |                             |           |                          | PSC Bridge Approach Sleeper |
|                     |                             |           |                          | LC Sleeper                  |
|                     |                             |           |                          | PSC Bridge Central Sleeper  |
|                     |                             |           |                          | Wide Base Sleeper 60 Kg     |
| Formation Type      | BANK                        | CUTTING   |                          |                             |
| Soil Classification | GW,SW                       |           | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC              |
|                     |                             |           |                          | ML,ML-CL,CL,MI,CI           |
| Formation Trouble   | Failure of Base or Sub-Soil |           | Failure of Fill Material | Failure of Formation Top    |
| Renewal Work        | Sanctioned                  |           | Completed                | Not Completed               |

| East Central Railway           |                 |
|--------------------------------|-----------------|
| Dhanbad Division               |                 |
| Sr.ADEN/ADEN                   | ADEN/RNQ        |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN    |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | D Spl/BG        |
| TRACK DIAGRAM as on 15/07/2021 |                 |

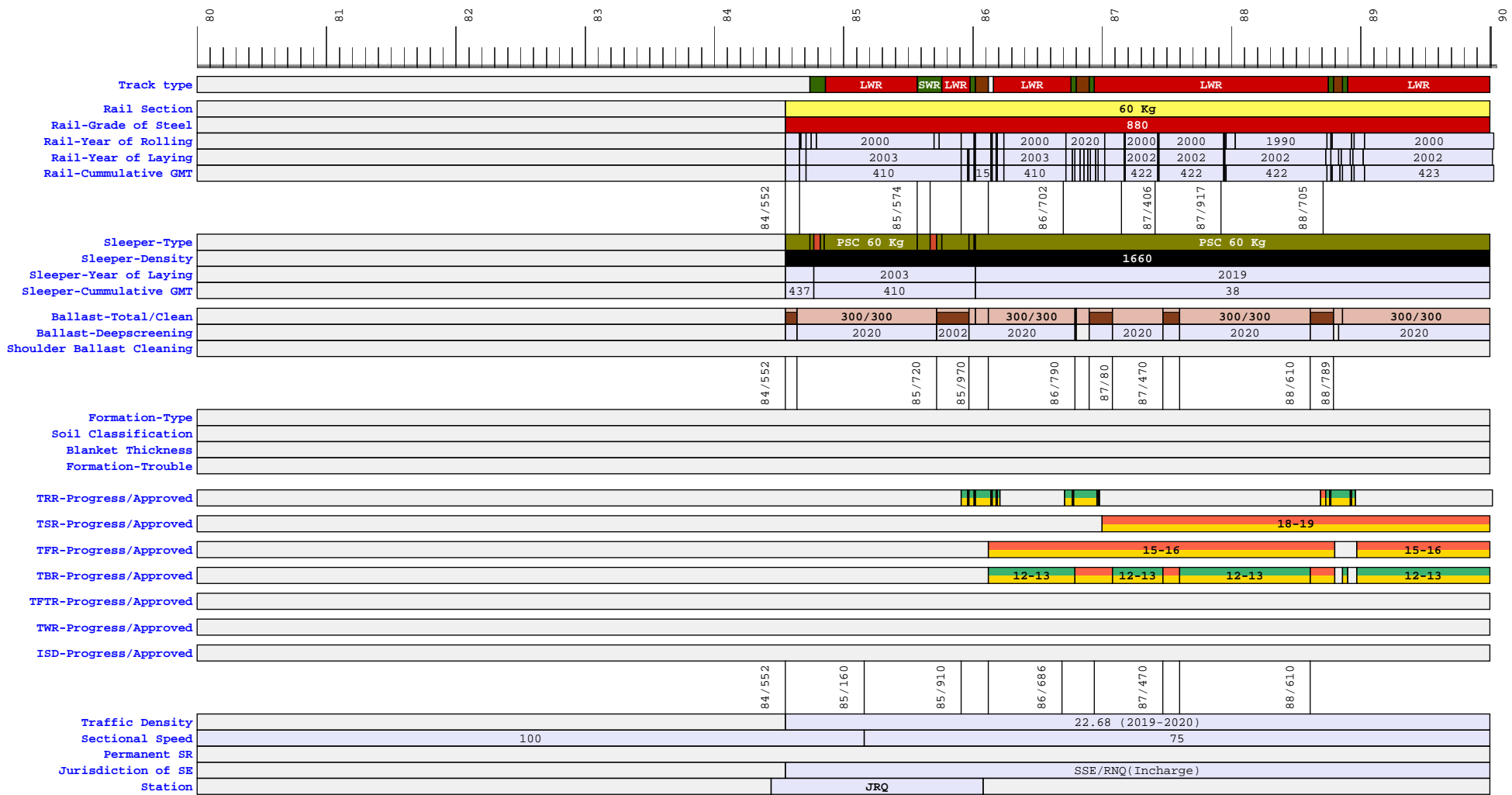


**Legend:**

|                     |                             |           |                 |                          |               |               |                          |                             |            |                            |                         |  |
|---------------------|-----------------------------|-----------|-----------------|--------------------------|---------------|---------------|--------------------------|-----------------------------|------------|----------------------------|-------------------------|--|
| Track Type          | LWR                         | SWR       | FP/SR           |                          |               |               |                          |                             |            |                            |                         |  |
| Rail Section        | 52 Kg                       | 60 Kg     | 52KG D MARK     | 60KG D MARK              |               |               |                          |                             |            |                            |                         |  |
| Grade of Steel      | 880                         | 710       | N/A             |                          |               |               |                          |                             |            |                            |                         |  |
| Sleeper Density     | 1540                        | 1660      | N/A             |                          |               |               |                          |                             |            |                            |                         |  |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg | Channel Sleeper | PSC 60 Kg SEJ            | PSC 52 Kg SEJ | PSC 60 Kg T/O | PSC 52 Kg T/O            | PSC Bridge Approach Sleeper | LC Sleeper | PSC Bridge Central Sleeper | Wide Base Sleeper 60 Kg |  |
| Formation Type      | BANK                        | CUTTING   |                 |                          |               |               |                          |                             |            |                            |                         |  |
| Soil Classification | GW,SW                       |           |                 | GP,SP,GM,GM-GC           |               |               | GC,SM,SC,SM-SC           |                             |            | ML,ML-CL,CL,MI,CI          |                         |  |
| Formation Trouble   | Failure of Base or Sub-Soil |           |                 | Failure of Fill Material |               |               | Failure of Formation Top |                             |            |                            |                         |  |
| Renewal Work        | Sanctioned                  |           |                 | Completed                |               |               | Not Completed            |                             |            |                            |                         |  |

| East Central Railway           |                 |
|--------------------------------|-----------------|
| Dhanbad Division               |                 |
| Sr.ADEN/ADEN                   | ADEN/RNQ        |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN    |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | D Spl/BG        |
| TRACK DIAGRAM as on 15/07/2021 |                 |

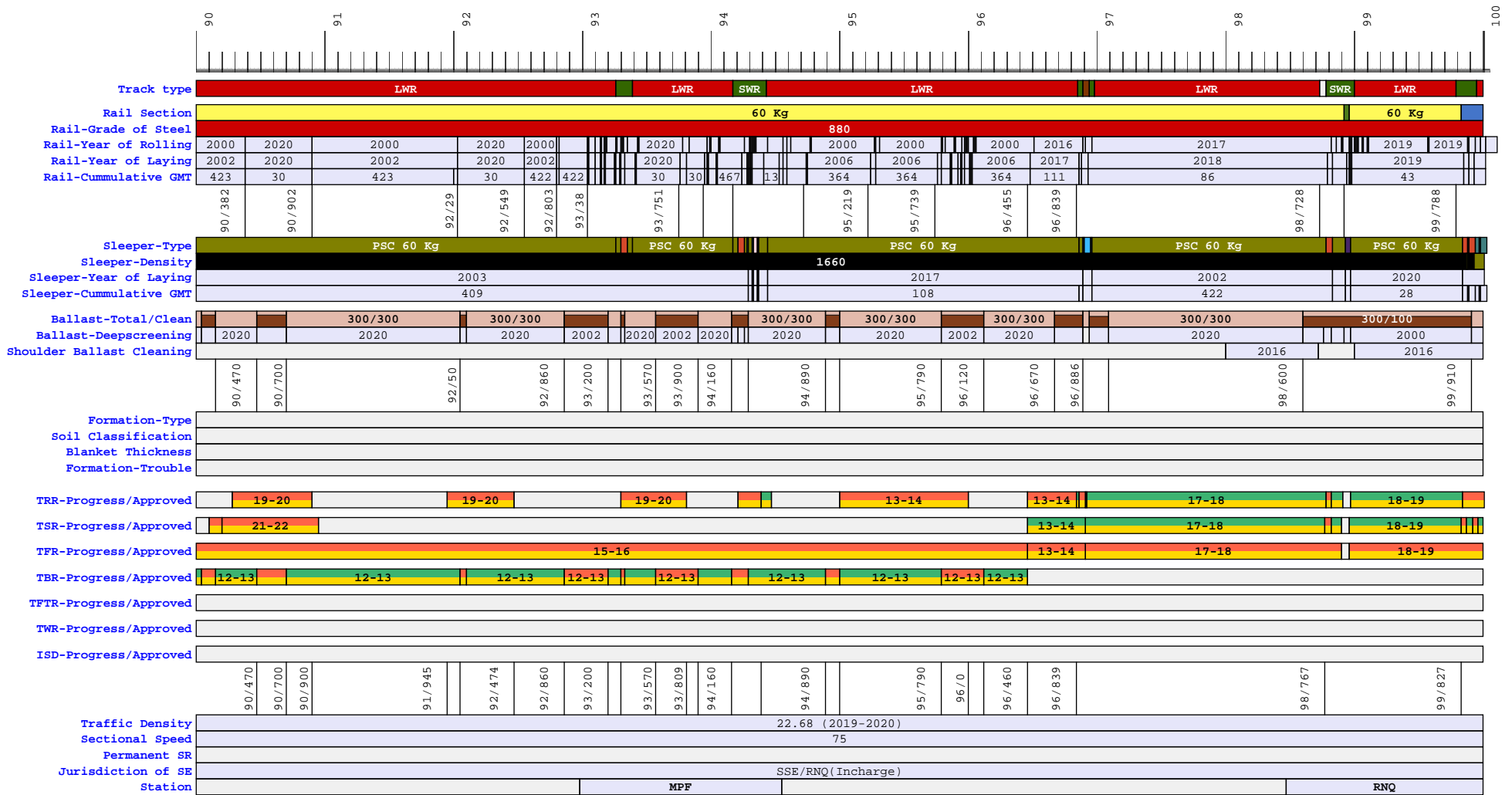




**Legend:**

|                     |                             |                          |                          |                             |
|---------------------|-----------------------------|--------------------------|--------------------------|-----------------------------|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                             |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK                 |
| Grade of Steel      | 880                         | 710                      | N/A                      |                             |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                             |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ               |
|                     |                             |                          |                          | PSC 52 Kg SEJ               |
|                     |                             |                          |                          | PSC 60 Kg T/O               |
|                     |                             |                          |                          | PSC 52 Kg T/O               |
|                     |                             |                          |                          | PSC Bridge Approach Sleeper |
|                     |                             |                          |                          | LC Sleeper                  |
|                     |                             |                          |                          | PSC Bridge Central Sleeper  |
|                     |                             |                          |                          | Wide Base Sleeper 60 Kg     |
| Formation Type      | BANK                        | CUTTING                  |                          |                             |
| Soil Classification | GW,SW                       | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC           | ML,ML-CL,CL,MI,CI           |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                             |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                             |

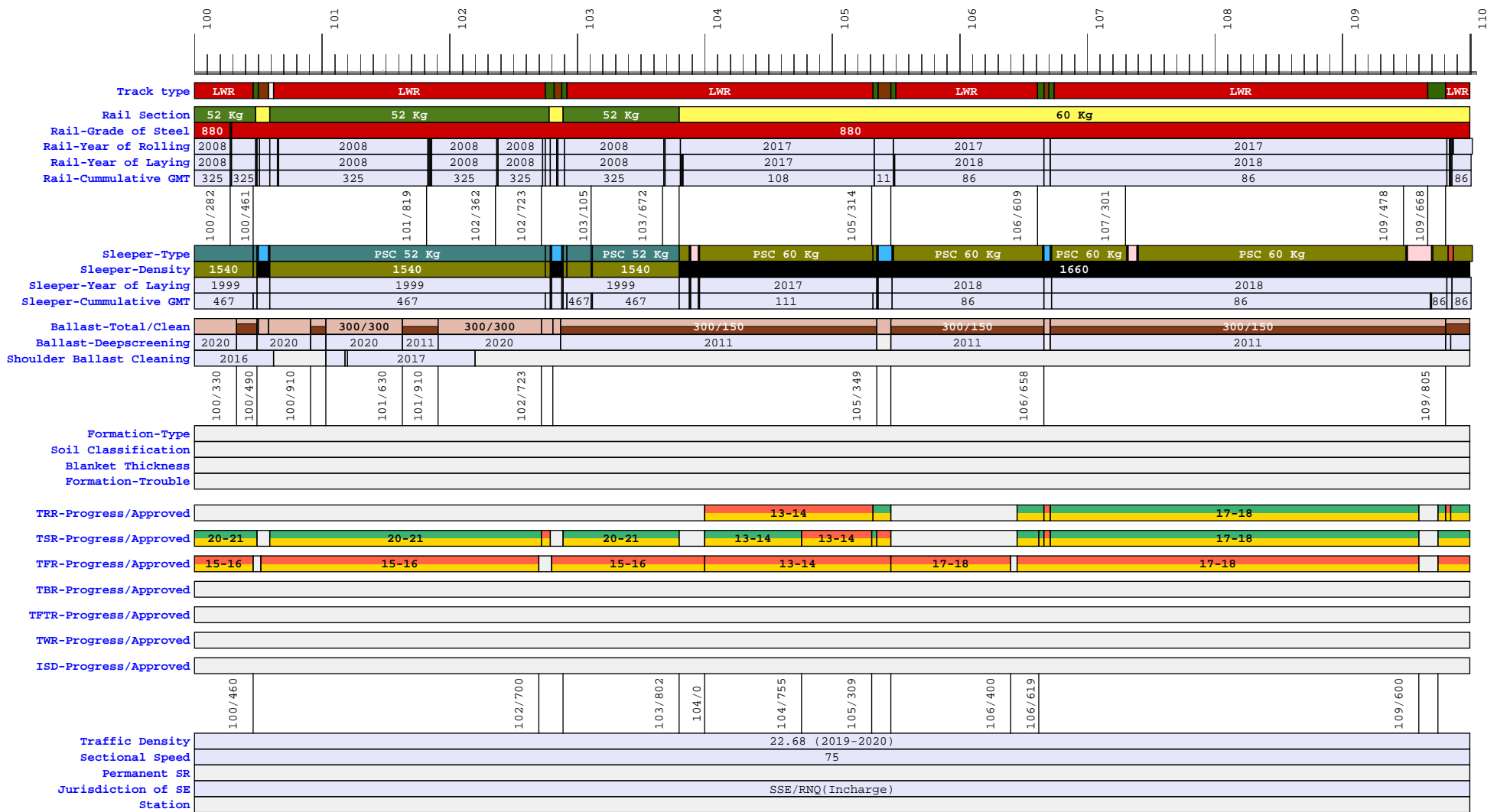
| East Central Railway           |                 |
|--------------------------------|-----------------|
| Dhanbad Division               |                 |
| Sr.ADEN/ADEN                   | ADEN/RNQ        |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN    |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | D Spl/BG        |
| TRACK DIAGRAM as on 15/07/2021 |                 |



**Legend:**

|                     |                             |                          |                          |                   |
|---------------------|-----------------------------|--------------------------|--------------------------|-------------------|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                   |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK       |
| Grade of Steel      | 880                         | 710                      | N/A                      |                   |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                   |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ     |
| Formation Type      | BANK                        | CUTTING                  |                          |                   |
| Soil Classification | GW,SW                       | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC           | ML,ML-CL,CL,MI,CI |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                   |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                   |

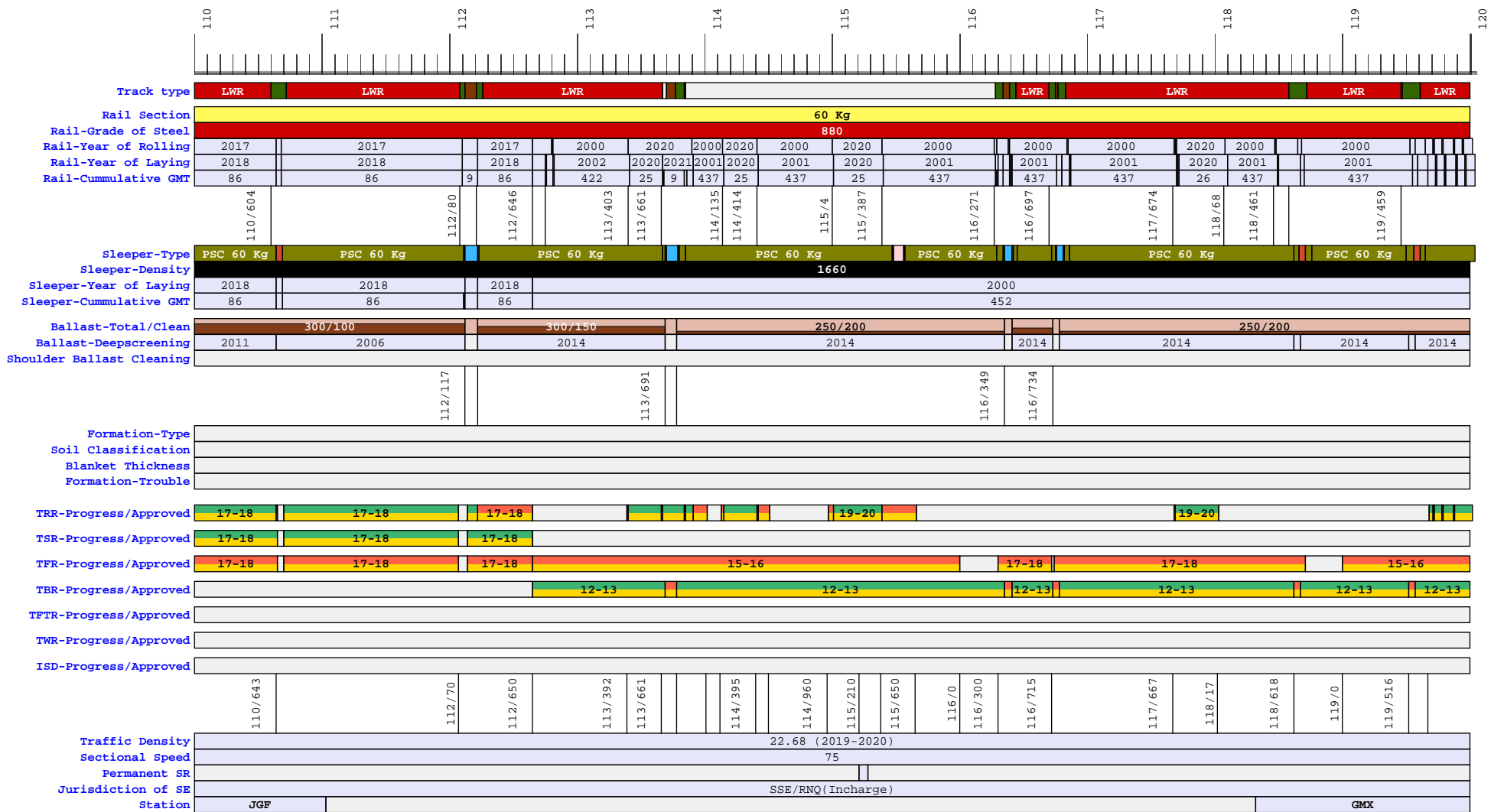
|                                |                 |
|--------------------------------|-----------------|
| <b>East Central Railway</b>    |                 |
| <b>Dhanbad Division</b>        |                 |
| Sr.ADEN/ADEN                   | ADEN/RNQ        |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN    |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | D spl/BG        |
| TRACK DIAGRAM as on 15/07/2021 |                 |



**Legend:**

|                     |                             |                          |                          |                   |
|---------------------|-----------------------------|--------------------------|--------------------------|-------------------|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                   |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK       |
| Grade of Steel      | 880                         | 710                      | N/A                      |                   |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                   |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ     |
| Formation Type      | BANK                        | CUTTING                  |                          |                   |
| Soil Classification | GW,SW                       | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC           | ML,ML-CL,CL,MI,CI |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                   |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                   |

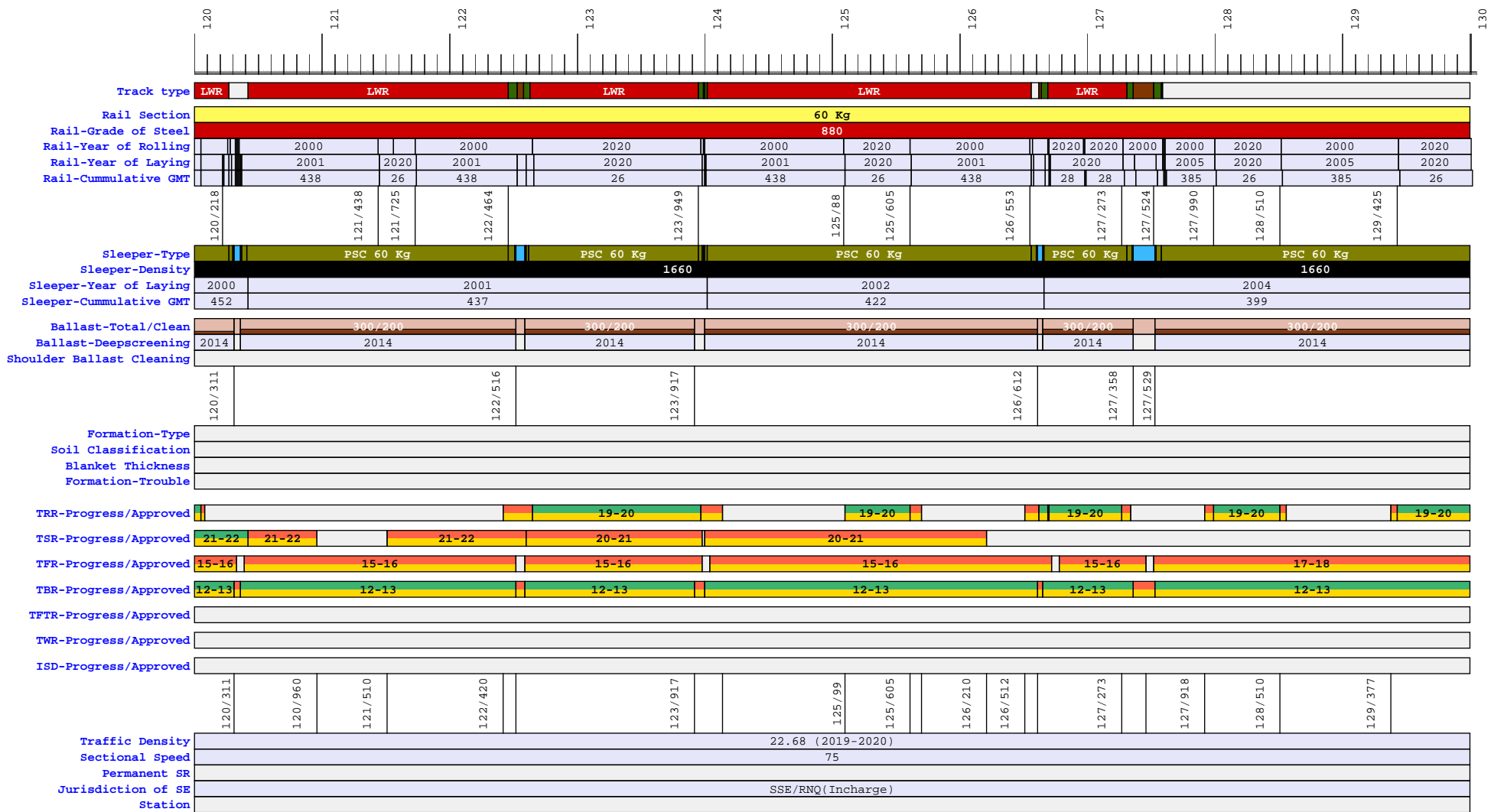
| East Central Railway           |                 |
|--------------------------------|-----------------|
| Dhanbad Division               |                 |
| Sr.ADEN/ADEN                   | ADEN/RNQ        |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN    |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | D Spl/BG        |
| TRACK DIAGRAM as on 15/07/2021 |                 |



**Legend:**

|                     |                             |                          |                          |                |
|---------------------|-----------------------------|--------------------------|--------------------------|----------------|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK    |
| Grade of Steel      | 880                         | 710                      | N/A                      |                |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ  |
| Formation Type      | BANK                        | CUTTING                  |                          |                |
| Soil Classification | GW,SW                       |                          | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                |

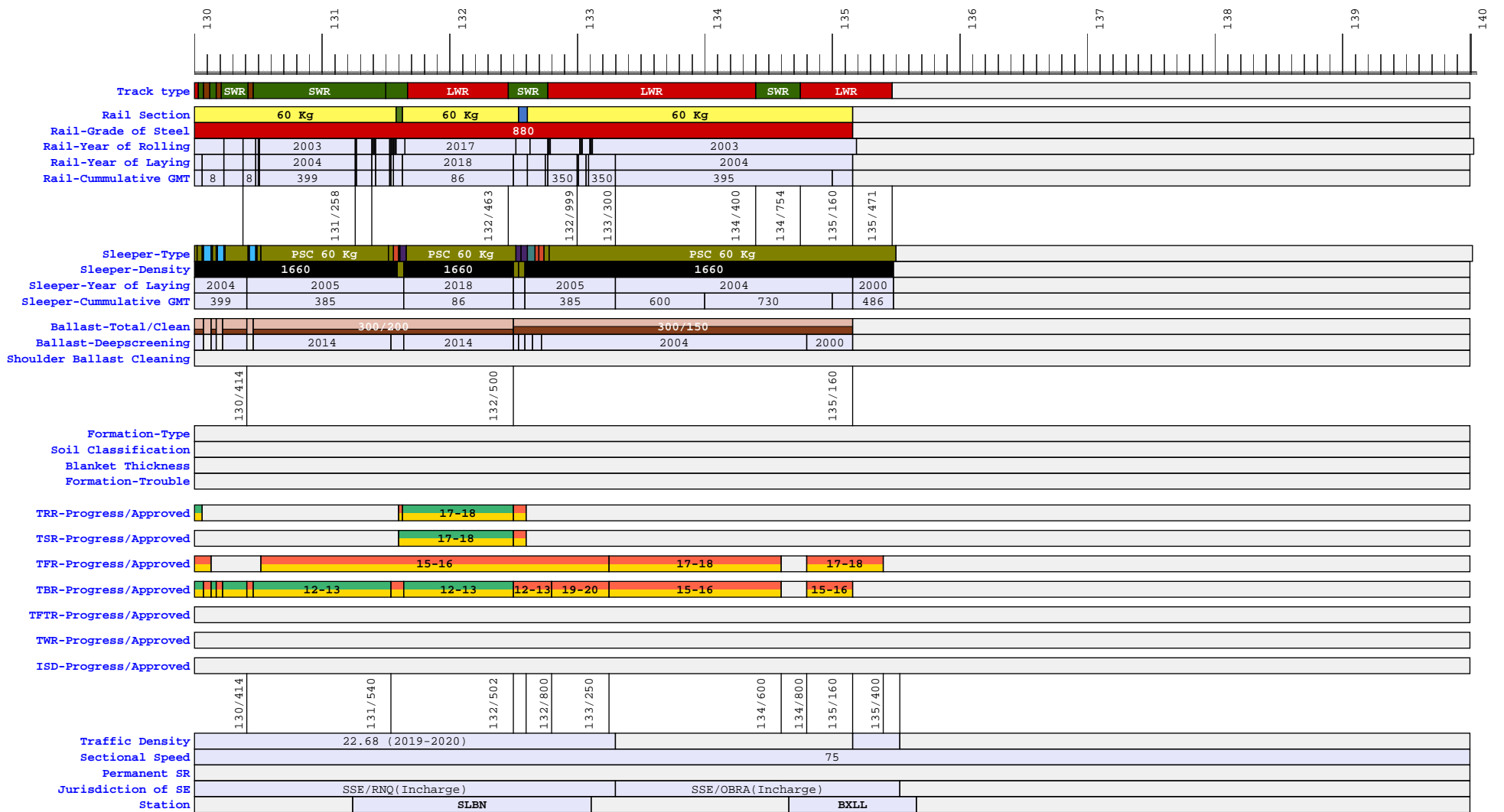
| East Central Railway           |                 |
|--------------------------------|-----------------|
| Dhanbad Division               |                 |
| Sr.ADEN/ADEN                   | ADEN/RNQ        |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN    |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | D Spl/BG        |
| TRACK DIAGRAM as on 15/07/2021 |                 |



**Legend:**

|                     |                             |                          |                          |                   |
|---------------------|-----------------------------|--------------------------|--------------------------|-------------------|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                   |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK       |
| Grade of Steel      | 880                         | 710                      | N/A                      |                   |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                   |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ     |
| Formation Type      | BANK                        | CUTTING                  |                          |                   |
| Soil Classification | GW,SW                       | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC           | ML,ML-CL,CL,MI,CI |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                   |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                   |

| East Central Railway           |                 |
|--------------------------------|-----------------|
| Dhanbad Division               |                 |
| Sr.ADEN/ADEN                   | ADEN/RNQ        |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN    |
| Section                        | Garwaroad-Billi |
| Line                           | Single Line     |
| Route Class/Gauge              | D Spl/BG        |
| TRACK DIAGRAM as on 15/07/2021 |                 |



**Legend:**

|                     |                             |                          |                          |                |
|---------------------|-----------------------------|--------------------------|--------------------------|----------------|
| Track Type          | LWR                         | SWR                      | FP/SR                    |                |
| Rail Section        | 52 Kg                       | 60 Kg                    | 52KG D MARK              | 60KG D MARK    |
| Grade of Steel      | 880                         | 710                      | N/A                      |                |
| Sleeper Density     | 1540                        | 1660                     | N/A                      |                |
| Sleeper Type        | PSC 52 Kg                   | PSC 60 Kg                | Channel Sleeper          | PSC 60 Kg SEJ  |
| Formation Type      | BANK                        | CUTTING                  |                          |                |
| Soil Classification | GW,SW                       |                          | GP,SP,GM,GM-GC           | GC,SM,SC,SM-SC |
| Formation Trouble   | Failure of Base or Sub-Soil | Failure of Fill Material | Failure of Formation Top |                |
| Renewal Work        | Sanctioned                  | Completed                | Not Completed            |                |

| East Central Railway           |                                  |
|--------------------------------|----------------------------------|
| Dhanbad Division               |                                  |
| Sr.ADEN/ADEN                   | ADEN/CPU, ADEN/RNQ               |
| Sr.DEN/DEN                     | Sr.DEN/4/DHN                     |
| Section                        | Garwaroad-Billi, Billi Jn-Chunar |
| Line                           | Single Line                      |
| Route                          | D Spl, E/BG                      |
| Class/Gauge                    |                                  |
| TRACK DIAGRAM as on 15/07/2021 |                                  |