

M.M.S.X N.E.W.S.C

P.R.B.NO-3315

**Schedule Xlv-Form No. 134**

प्रतिकृति गोदान का योग्य /  
प्रबन्धना का दिन - 15 सिंह 2021-22 DIVISION

DIVISION

प्रतिकृति गोदान का योग्य /  
प्रबन्धना का दिन - 15 सिंह 2021-22 SUB-DIVISION

प्रतिकृति गोदान

**Measurement Book**

**M.B.NO-3315**

## The Granophyre

Name of Work—  
Situation of Work—  
Agency by which work is executed—  
Date of Measurement—  
No. and date of agreement

(These four lines should be repeated at the commencement  
of the measurement relating to each work)

| Participating No.                                     | Details of actual measurement |    |    | Contents of area |
|---|-------------------------------|----|----|------------------|
|   | L.                            | B. | D. |                  |
| Construction of Road from Agartan Sunder to Harifatla |                               |    |    |                  |
| Agency:- PWD Jyoti Manoranjya Bhadrakpur, Medium      |                               |    |    |                  |
| Agmt:- 15-Sept-2020 - 21                              |                               |    |    | Sarai            |
| Start:- 03/07/20                                      |                               |    |    |                  |
| Date of Comp:- 02/04/21                               |                               |    |    |                  |
| Report  |                               |    |    |                  |

## CD WORK

$$\begin{array}{r}
 \text{Emissions per tonne} \\
 \text{of CO}_2 \text{ emitted} \\
 \text{is } 1.130 \text{ tonnes} \\
 \text{of CO}_2 \\
 \text{per tonne} \\
 \text{of oil} \\
 \text{consumed} \\
 \text{and } 0.156 \text{ tonnes} \\
 \text{of CO}_2 \\
 \text{per tonne} \\
 \text{of gas} \\
 \text{consumed} \\
 \text{and } 0.202 \text{ tonnes} \\
 \text{of CO}_2 \\
 \text{per tonne} \\
 \text{of electricity} \\
 \text{consumed} \\
 \text{and } 15.662 \text{ tonnes} \\
 \text{of CO}_2 \\
 \text{per tonne} \\
 \text{of oil} \\
 \text{consumed} \\
 \text{and } 0.056 \text{ tonnes} \\
 \text{of CO}_2 \\
 \text{per tonne} \\
 \text{of gas} \\
 \text{consumed} \\
 \text{and } 0.056 \text{ tonnes} \\
 \text{of CO}_2 \\
 \text{per tonne} \\
 \text{of electricity} \\
 \text{consumed}
 \end{array}$$

~~② Bridge P.C.C. (F.M.)  
solid concrete~~

$$\begin{array}{r}
 \text{Food} \\
 \hline
 2 \times 3.900 \times 1.150 \times 0.180 = 1.3455 \\
 1 \times 5.311 \times 1.13 \times 0.900 = 1.5045 \\
 \hline
 2.84645
 \end{array}$$

② Prince Nalanda 4.4 id - 20

|           |     |     |     |     |       |     |
|-----------|-----|-----|-----|-----|-------|-----|
| 2 x 3,600 | 0.1 | 700 | 0.2 | 180 | 210   | 987 |
| 2 x 3,600 | 0.1 | 900 | 0.2 | 200 | 3,456 | 43  |

$$\frac{L_{eff} P_i}{\rho g} = \frac{0.7857}{0.580} = 1.357$$

(a)  $\text{P}_t \propto \text{P}_0 \text{e}^{-kt}$

(1) Octop. loop H.O. after  
3 x 250 = 750 ml.  
Continuation

P.T.O

| Particulars   | Details of actual measurement  |    |    |    | Contents<br>of area        |
|---|--|----|----|----|----------------------------|
|   | No.  | L. | B. | D. |                            |
| (5) <del>Frontage of 11.11</del>                        |  |    |    |    |                            |
|   | $2 \times 3.600 \times 3.380 = 24.386 \text{ m}^2$                       |    |    |    |                            |
|   | $2 \times 3.600 \times 0.900 = 6.480 \text{ m}^2$                        |    |    |    |                            |
|   | $2 \times 3.600 \times 0.600 = 4.320 \text{ m}^2$                        |    |    |    |                            |
|   | $4 \times 0.700 \times 2.180 = 6.104 \text{ m}^2$                        |    |    |    |                            |
|   | $4 \times 0.400 \times 1.200 = 4.920 \text{ m}^2$                        |    |    |    |                            |
|   | <del><math>4 \times 0.7857 \times 0.830 = 1.002 \text{ m}^2</math></del> |    |    |    |                            |
|   |  |    |    |    | <u>28.477</u>              |
| (6) <del>Frontage 1.5m width near Cobalt Pure Pd.</del> |  |    |    |    |                            |
|   | $2 \times 0.600 \times 3.400 = 2.880 \text{ m}^2$                        |    |    |    |                            |
|   | $4 \times 0.400 \times 1.200 = 1.920 \text{ m}^2$                        |    |    |    |                            |
|   | $2 \times 3.600 \times 0.600 = 4.320 \text{ m}^2$                        |    |    |    |                            |
|   |  |    |    |    | <u>9.120 m<sup>2</sup></u> |
| Front portion   |  |    |    |    |                            |
| (7) <del>front of two roads</del>                       |  |    |    |    |                            |
|   | <del>area of two roads</del>   |    |    |    |                            |
|   | <del>area of two roads</del>   |    |    |    |                            |
| Front side of setting out                               |  |    |    |    |                            |
| of P.M. & S.P.  |  |    |    |    |                            |
| (i) working bench mark                                  |  |    |    |    |                            |
| 25 M.S.B.M.   |  |    |    |    |                            |
|   | at 0.750 km  |    |    |    |                            |
|   | at 0.750 km  |    |    |    |                            |
| (ii) Refractory Bill                                    |  |    |    |    |                            |
|   | $0.750 = 0.750 \text{ km}$   |    |    |    |                            |
| (8) <del>Fronting the road</del>                        |  |    |    |    |                            |
| <del>Grubland Pd.</del>                                 |  |    |    |    |                            |
|   | $2 \times 2.500 \times 3.000 \times 3.50 = 52.50 \text{ m}^2$            |    |    |    |                            |
|   | or 0.525 Hect.   |    |    |    |                            |
|   | Continuation   |    |    |    |                            |

| Particulars                             | Details of actual measurement |      |       |       | Contents<br>of area |
|---|-------------------------------|------|-------|-------|---------------------|
|   | No.                           | L.   | B.    | D.    |                     |
| ⑨ <del>Front side of Mono Cutters</del> |                               |      |       |       |                     |
|   | 27.23                         | 23m  | 0.525 | 0.100 |                     |
|   |                               |      |       |       | = 72.45             |
|   |                               |      |       |       | 43                  |
| ⑩ <del>Concretes of Bus pole</del>      |                               |      |       |       |                     |
|   | 27.30m                        | 7.00 | 0.300 | 1.00  |                     |
| Side                                    | 27.30m                        | 2.3m | 3.0m  | 1.20  | 0.200 = 331.20      |
| Side                                    | 27.23                         | 2.3m | 3.0m  | 1.20  | 0.078 = 124.40      |
|   |                               |      |       |       | 43                  |
|   |                               |      |       |       | 5.81.40             |
|   |                               |      |       |       | 43                  |
| ⑪ <del>Front side of granular</del>     |                               |      |       |       |                     |
| Side                                    | 27.23m                        | 2.3m | 0.525 | 0.100 |                     |
| width                                   | 27.23m                        | 4.05 | 0.200 | 1.00  | 72.45               |
| front                                   | 27.23m                        | 2.3m | 4.05  | 0.100 | 273.45              |
| front                                   | 27.23m                        | 2.3m | 1.60  | 0.075 | 14.40               |
|   |                               |      |       |       | 43                  |
|   |                               |      |       |       | 12.96               |
|   |                               |      |       |       | 43                  |
| ⑫ <del>Front side of concrete</del>     |                               |      |       |       |                     |
| front                                   | 27.23m                        | 3.75 | 0.525 | 1.00  | 16.875              |
| front                                   | 27.23m                        | 3.75 | 0.525 | 1.00  | 16.875              |
| front                                   | 27.23m                        | 3.75 | 0.525 | 1.00  | 16.875              |
| front                                   | 27.23m                        | 3.75 | 0.525 | 1.00  | 16.875              |
|   |                               |      |       |       | 43                  |
|   |                               |      |       |       | 210.94              |
|   |                               |      |       |       | 43                  |
| Continuation                            |                               |      |       |       |                     |
| Right                                   | 12.24                         |      |       |       |                     |
| Left                                    | 12.24                         |      |       |       |                     |

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| Particulars  | Details of actual measurement |    |    |    | Contents<br>of area |
|--|-------------------------------|----|----|----|---------------------|
|  | No.                           | L. | B. | D. |                     |
| <u>A 88 feet of road</u>                           |                               |    |    |    |                     |
| (1) Room and Road                                  |                               |    |    |    |                     |
| 1 - width of Bunker                                |                               |    |    |    |                     |
| Width of road No - (2)                             |                               |    |    |    |                     |
| Area No (7) (i)                                    |                               |    |    |    |                     |
| $Q_A = 0.75 \text{ km}^2$                          |                               |    |    |    |                     |
| $\text{C.R.} 36.83 = 34$                           |                               |    |    |    |                     |
| (2) Refining P. H.                                 |                               |    |    |    |                     |
| 2 - width  |                               |    |    |    |                     |
| $Q_A = 0.75 \text{ km}^2$                          |                               |    |    |    |                     |
| $\text{C.R.} 17.01 = 94$                           |                               |    |    |    |                     |
| Perimeter P. 1276 = 0                              |                               |    |    |    |                     |
| (3) Ch. 2 and ground                               |                               |    |    |    |                     |
| 3 - width  |                               |    |    |    |                     |
| Width of road (2)                                  |                               |    |    |    |                     |
| $Q_A = 0.525 \text{ km}^2$                         |                               |    |    |    |                     |
| $\text{C.R.} 25.11.33 = 76$                        |                               |    |    |    |                     |
| Perimeter P. 26.845 = 0                            |                               |    |    |    |                     |
| (4) P. Excavation of road                          |                               |    |    |    |                     |
| 4 - width of road width                            |                               |    |    |    |                     |
| Width = 72.45 m                                    |                               |    |    |    |                     |
| $Q_A = 74.16 \mu \text{m}^2 = 5373 = 0$            |                               |    |    |    |                     |
| (5) Compaction of sub soil                         |                               |    |    |    |                     |
| 5 - width of road No (2)                           |                               |    |    |    |                     |
| $Q_A = 581.40 \mu \text{m}^2$                      |                               |    |    |    |                     |
| $\text{C.R.} 17.6 = 86 \mu \text{m}^2 = 10836$     |                               |    |    |    |                     |
| (6) Compaction of ground                           |                               |    |    |    |                     |
| 6 - width of road                                  |                               |    |    |    |                     |
| Width of road (6)                                  |                               |    |    |    |                     |
| $Q_A = 427.86 \mu \text{m}^2$                      |                               |    |    |    |                     |
| $\text{C.R.} 323 = 7 \mu \text{m}^2 = 1336.62 = 0$ |                               |    |    |    |                     |
| Continuation                                       |                               |    |    |    |                     |
| 14,45,704  |                               |    |    |    |                     |

Bf  
₹14,75,704/-

| Particulars                                   | Details of actual measurement |    |    |    | Contents<br>of area |
|---|-------------------------------|----|----|----|---------------------|
|   | No.                           | L. | B. | D. |                     |
| ① Land & Survey plan                          |                               |    |    |    |                     |
| ② Boundary wall                               |                               |    |    |    |                     |
| ③ Foothill                                    |                               |    |    |    |                     |
| ④ D.  |                               |    |    |    |                     |
| W.C.P. Plan No. (Q2)                          |                               |    |    |    |                     |
| W.L.D. = 210.9443                             |                               |    |    |    |                     |
| Q. D. 37972 m <sup>3</sup>                    |                               |    |    |    |                     |
| ₹ 8,0108/-                                    |                               |    |    |    |                     |
|   |                               |    |    |    | ₹ 52,76,791/-       |
| 6.82 m <sup>2</sup> area                      |                               |    |    |    |                     |
| 17.50 ft. below X p 3,98 x 138 =              |                               |    |    |    |                     |
| Q.D. ₹ 18,786,350/-                           |                               |    |    |    |                     |
| Cost of labour                                |                               |    |    |    |                     |
| Material's -                                  |                               |    |    |    |                     |
| Brick - 6935 nos                              |                               |    |    |    |                     |
| Scant = 4.87 m <sup>3</sup>                   |                               |    |    |    |                     |
| Count = 41 bags.                              |                               |    |    |    |                     |
| charge = 2.22 m <sup>3</sup>                  |                               |    |    |    |                     |
| E/W = 581.40 m <sup>3</sup>                   |                               |    |    |    |                     |
| G.R.B = 427.86 m <sup>3</sup>                 |                               |    |    |    |                     |
| W.M. = 210.95 m <sup>3</sup>                  |                               |    |    |    |                     |
|   |                               |    |    |    |                     |
| ⑧ Slab  |                               |    |    |    |                     |
| E/H in excavation off                         |                               |    |    |    |                     |
| 23 W.C.P. Plan No. - Q1                       |                               |    |    |    |                     |
| Q.D. = 15.662 m <sup>3</sup> @ ₹ 2720/-       |                               |    |    |    |                     |
| 24 Formation P.C. per m <sup>3</sup> = 4260/- |                               |    |    |    |                     |
| Q.D. = 2.846 m <sup>3</sup>                   |                               |    |    |    |                     |
| Q.D. 56 SD = 82 m <sup>3</sup> @ ₹ 16,081/-   |                               |    |    |    |                     |
| 25 P.C. M (1:4) in Mall                       |                               |    |    |    |                     |
| Q.D. = 13.869 m <sup>3</sup>                  |                               |    |    |    |                     |
| ⑥ 550 = 20 m <sup>2</sup>                     |                               |    |    |    |                     |
| 5355 = 80 L ₹ 4,271/-                         |                               |    |    |    |                     |
| Continuation                                  |                               |    |    |    |                     |
|   |                               |    |    |    |                     |
| ₹ 23,714.03/-                                 |                               |    |    |    |                     |

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## Continuation