

कार्यपालक अभियंता का कार्यालय  
ग्रामीण कार्य विभाग, कार्य प्रमंडल, पालीगंज।

पत्रांक:- 406

पालीगंज/दिनांक:- 25/3/2021

प्रेषक,

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, पालीगंज।

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,  
सह सचिव (ब्राडा)  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

विषय:- MR-3054 New Maintenance Policy - 2018 योजनान्तर्गत निर्माण कार्य में आवंटन हेतु अध्याचना भेजने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि MR-3054 New Maintenance Policy - 2018 योजनान्तर्गत पूर्ण किए गए निर्माण कार्य हेतु अध्याचना विहित प्रपत्र में तैयार कर आवश्यक कार्रवाई हेतु समर्पित किया जाता है।

अनु०-(1) अध्याचना विहित प्रपत्र में।

(2) M.B का छायाप्रति।

(3) IRI Report का छायाप्रति।

(4) अनुबन्धित अन्य प्रतिवेदन  
की शाखा प्रति

विश्वासभाजन

25/3

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, पालीगंज

Requisition Format for Scheme Head - MR (3054) under Bihar Rural Road Maintenance Policy -2018 (Initial Rectification and Surface Renewal)  
Name of Work Division:- Paliganj

| Sl. No. | Package No.               | Name of Road                                     | Project ID as per MIS | Administrative Approval (AA) Letter No. & Date | Administrative Approval (AA) |                     | Agreement Amount                                     |                                      | Agreement No. & Date                  | Date of Completion as per Agreement | Actual Date of Completion | Value of IRI (in mm/km) | Thickness of Bitumen Layer (in mm) | Value of Bitumen Content in Percentage | Previous Total Allocated Amount (in Lakh) | Up-to-date expenditure as per MIS (in Lakh) | Requisition against work done (in Lakh) | Remarks |
|---------|---------------------------|--------------------------------------------------|-----------------------|------------------------------------------------|------------------------------|---------------------|------------------------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|---------------------------|-------------------------|------------------------------------|----------------------------------------|-------------------------------------------|---------------------------------------------|-----------------------------------------|---------|
|         |                           |                                                  |                       |                                                | Length (in Km)               | Amount of (in Lakh) | Initial Rectification with Surface Renewal (in Lakh) | 5 Year Routine Maintenance (in Lakh) |                                       |                                     |                           |                         |                                    |                                        |                                           |                                             |                                         |         |
| 1       | 2                         | 3                                                | 4                     | 5                                              | 6                            | 7                   | 8                                                    | 9                                    | 10                                    | 11                                  | 12                        | 13                      | 14                                 | 15                                     | 16                                        | 17                                          | 18                                      | 19      |
| 1       | MR-N/19-20<br>Paliganj/07 | MAHABALPUR BHTA -<br>UDALPUR                     | 10100102138           | 3662<br>27-Aug-19                              | 1.18                         | 38.42000            | 21.97400                                             | 9.70257                              | 04/MBD/20<br>20-21 & 15-<br>June-2020 | 14-Mar-21                           |                           | 4.68                    | 0.25 mm                            | 5.19%                                  | 0.00000                                   | 0.00000                                     | 15.04399                                |         |
| 2       | MR-N/19-20<br>Paliganj/07 | Jarkha More to Panama<br>Gram Path               | 10100104019           | 3662<br>27-Aug-19                              | 1.93                         | 84.98000            | 61.84200                                             | 20.25131                             | 04/MBD/20<br>20-21 & 15-<br>June-2020 | 14-Mar-21                           |                           | 4.654                   | 0.25 mm                            | 5.06%                                  | 0.00000                                   | 0.00000                                     | 42.81882                                |         |
| 3       | MR-N/19-20<br>Paliganj/07 | Joharabad Arwal Road to<br>Khoskhabara gram path | 10100107006           | 3662<br>27-Aug-19                              | 0.9                          | 25.64000            | 13.44000                                             | 4.83751                              | 04/MBD/20<br>20-21 & 15-<br>June-2020 | 14-Mar-21                           |                           | 4.753                   | 0.25 mm                            | 5.21%                                  | 0.00000                                   | 0.00000                                     | 8.37816                                 |         |
| 4       | MR-N/19-20<br>Paliganj/07 | Rani Tado - Mitha Village                        | NEA22000162<br>7      | 3662<br>27-Aug-19                              | 0.90                         | 21.19000            | 13.56900                                             | 5.12792                              | 04/MBD/20<br>20-21 & 15-<br>June-2020 | 14-Mar-21                           |                           | 4.814                   | 0.25 mm                            | 5.13%                                  | 0.00000                                   | 0.00000                                     | 8.50912                                 |         |

Executive Engineer  
RWD Works Division Paliganj  
25/3/2021

NAME OF THE ROAD : JHARKHA MORE TO PATAUNA

LENGTH OF THE ROAD : 1.930 KM

PACKAGE NO. : MR-N/19-20/PALIGANJ/07

DIVISION : PALIGANJ

BLOCK : PALIGANJ

AGENCY : M/S SINGH CONSTRUCTION COMPANY

| Date    | Time     | Section | Length<br>in km | Bumps<br>in mm | Speed<br>Rate | OR<br>mm/km | UIV<br>mm/km | CATEGORY<br>ROAD | IRI   | Latitude   | Longitude   | Event  |                                   |           |       |
|---------|----------|---------|-----------------|----------------|---------------|-------------|--------------|------------------|-------|------------|-------------|--------|-----------------------------------|-----------|-------|
| 22/3/21 | 12:36:19 | 47      | 0.1             | 360            | 0             | 3600        | 3648         | G                | 4.79  | 25.281887  | 84.826902   | Normal |                                   |           |       |
| 22/3/21 | 12:36:39 | 47      | 0.1             | 360            | 20.2          | 3600        | 3648         | G                | 4.79  | 25.282798  | 84.827087   | Curve  | $Y = 0 * X^2 + 0.936 * X + 278.4$ |           |       |
| 22/3/21 | 12:37:15 | 47      | 0.1             | 350            | 30.3          | 3500        | 3554         | G                | 4.68  | 25.28273   | 84.827995   | Normal | $X = 3864$                        |           |       |
| 22/3/21 | 12:37:25 | 47      | 0.1             | 380            | 30.3          | 3800        | 3835         | G                | 5.01  | 25.282498  | 84.829023   | Normal | $Y = 3895$                        |           |       |
| 22/3/21 | 12:37:35 | 47      | 0.1             | 350            | 20.2          | 3500        | 3554         | G                | 4.68  | 25.283075  | 84.829493   | Curve  | (R) RURAL ROAD                    |           |       |
| 22/3/21 | 12:37:50 | 47      | 0.1             | 290            | 30.3          | 2900        | 2992         | G                | 4.01  | 25.28398   | 84.82973    | Normal | Good                              | Average   | Poor  |
| 22/3/21 | 12:38:0  | 47      | 0.1             | 330            | 30.3          | 3300        | 3367         | G                | 4.46  | 25.284948  | 84.829662   | Normal | <4000                             | 4001-5000 | >5001 |
| 22/3/21 | 12:38:10 | 47      | 0.1             | 370            | 20.2          | 3700        | 3741         | G                | 4.9   | 25.285375  | 84.83015    | Curve  |                                   |           |       |
| 22/3/21 | 12:38:25 | 47      | 0.1             | 260            | 30.3          | 2600        | 2712         | G                | 3.68  | 25.285408  | 84.83116    | Normal |                                   |           |       |
| 22/3/21 | 12:38:35 | 47      | 0.1             | 390            | 30.3          | 3900        | 3928         | G                | 5.12  | 25.285228  | 84.83212    | Normal |                                   |           |       |
| 22/3/21 | 12:38:45 | 47      | 0.1             | 310            | 30.3          | 3100        | 3180         | G                | 4.24  | 25.285002  | 84.833182   | Normal |                                   |           |       |
| 22/3/21 | 12:39:0  | 47      | 0.1             | 380            | 30.3          | 3800        | 3835         | G                | 5.01  | 25.284898  | 84.834107   | Normal |                                   |           |       |
| 22/3/21 | 12:39:10 | 47      | 0.1             | 330            | 30.3          | 3300        | 3367         | G                | 4.46  | 25.28468   | 84.83512    | Normal |                                   |           |       |
| 22/3/21 | 12:39:20 | 47      | 0.1             | 370            | 30.3          | 3700        | 3741         | G                | 4.9   | 25.284697  | 84.83616    | Normal |                                   |           |       |
| 22/3/21 | 12:40:40 | 47      | 0.088           | 340            | 30.3          | 3864        | 3895         | G                | 5.08  | 25.28474   | 84.837037   | Normal |                                   |           |       |
| TOTAL   |          | 1.488   | 5170            | 393.9          | 52164         | 52997       |              |                  | 69.81 | 379.261944 | 1272.468928 |        |                                   |           |       |
| AVERAGE |          |         |                 |                | 3477.6        | 3533.133    |              |                  | 4.654 |            |             |        |                                   |           |       |

Nishant  
 22/3/2021  
 Paligaj more to Patauna

22.3.2021  
 79

Jyoti  
 22/3/2021  
 Paligaj

Paligaj

Name of Customer: M/S SINGH CONST COMPANY  
 Name of Work: JHARKHA MORE TO PATALAIN  
 Road: JHARKHA MORE TO PATALAIN  
 Lab Job number:                       
 Date: 22-03-2021  
 Section No: 47

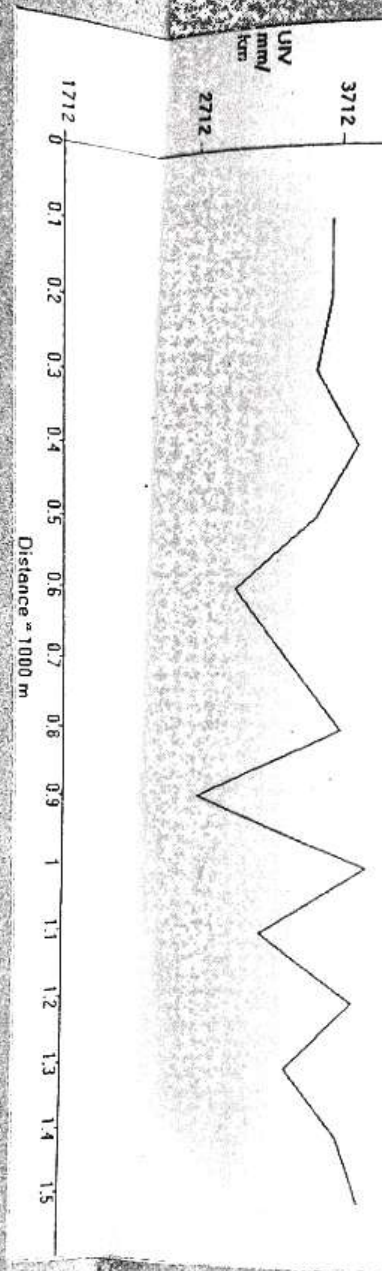
Test Date: 22-03-2021  
 Machine No:                       
 Start S No:                       
 Start E No:                       
 Weather:                       
 Start Location:                       
 End Location:                       
 Road Name: JHARKHA MORE TO PATALAIN  
 Road Type: (R) RURAL ROAD  
 Side:                       
 UIV Range: 1712 To 5000 Interval                       
 Dist Range: 0 To 16 01 mm/km  
 Equation:                     

Print Generate Report and Graph

Redraw Graph

Map View

File: C:\Users\SHAZI\Desktop\47.Xls. Section No: 47. Egn:  
 Name of Customer: M/S SINGH CONST COMPANY. Name of Work/Road: JHARKHA MORE TO PATALAIN. Lab



Nishant  
 22/3/2021  
 Ash IT manager  
 22.03.2021  
 Jharkha More to Patalain  
 Ash

कार्यपालक अभियंता का कार्यालय  
ग्रामीण कार्य विभाग, क्षेत्रीय प्रयोगशाला, गुलजारबाग  
पटना-800007

पत्रांक - 1373/2000

पटना/दिनांक - 01.11.2000

प्रेषक,

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
क्षेत्रीय प्रयोगशाला, गुलजारबाग पटना -7

सेवा में,

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल पालीगंज

विषय :- जाँचफल प्रतिवेदन के संबंध में।

प्रसंग :- AC, Paligani vide letter no - 91 (2150) dt 26.10.2000

महाशय,

उपर्युक्त विषयक के संबंध में जाँचफल प्रतिवेदन इस पत्र के साथ संलग्न कर आवश्यक कारवाई हेतु भेजा जा रहा है जो निम्न प्रकार है:-

Thartha more to Palatuna

Slab metal 9mm

अनु:-यथोक्त

विश्वासभाजन

1/11/2000

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
क्षेत्रीय प्रयोगशाला, गुलजारबाग पटना -7

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

## PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

1<sup>st</sup> Tear Q.C. Report :-

Name of Project/Road :- Jhaikha More to Palana

Name of Scheme :- M/R-3054

Name of Agency :- M/S Singh Construction Company

Nature of sample : Stone Metal GR - III

Date of Collection/Received on lab. :- 2/12/2020

Location/Chainage :- 1100m

Date of Test :- 8/12/2020

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division Paliganj

vide letter No. 91 Dt. 26.10.2020

Agreement No / Package No. : 04/M30/2020-21

| Sl. No. | A.I.V.             |                     |
|---------|--------------------|---------------------|
|         | Average Test Value | Required Value(Max) |
| 1.      | 22.6%              | 40%                 |

| Sl. No | Sieve Size in (mm) | Weight of Sample Taken Kgs <u>28.415</u> |                   |                     |              | Required Value |            |             | Remarks |
|--------|--------------------|------------------------------------------|-------------------|---------------------|--------------|----------------|------------|-------------|---------|
|        |                    | Weight Retained                          | % of Wt. Retained | % of Cumm. Retained | % of Passing | Grading I      | Grading II | Grading III |         |
| 1      | 125                | -                                        | -                 | -                   | -            | 100            | -----      | -----       |         |
| 2      | 90                 | -                                        | -                 | -                   | -            | 90-100         | 100        | -----       |         |
| 3      | 63                 | 0.000                                    | 0.00              | 0.00                | 100          | 25-60          | 90-100     | 100         |         |
| 4      | 53                 | 0.739                                    | 2.60              | 2.60                | 97.40        | -----          | 25-75      | 95-100      |         |
| 5      | 45                 | 8.297                                    | 29.20             | 31.80               | 68.20        | 0-15           | 0-15       | 65-90       |         |
| 6      | 22.4               | 16.935                                   | 59.60             | 91.40               | 8.60         | 0-5            | 0-5        | 0-10        |         |
| 7      | 11.2               | 1.463                                    | 5.15              | 96.55               | 3.45         | -----          | -----      | 0-5         |         |

Rajesh  
L.A.  
8/12/2020

K. Singh  
A.D.  
8/12/2020

Rajesh  
A.E.  
8/12/2020

112  
E.E.  
8/12/2020

Regional Laboratory  
W.D. Guljarbagh patna - 7

Regional Laboratory  
R.W.D Guljarbagh patna - 7

Regional Laboratory  
R.W.D Guljarbagh patna - 7

Regional Laboratory  
R.W.D, Guljarbagh patna - 7

कार्यपालक अभियंता का कार्यालय  
ग्रामीण कार्य विभाग, क्षेत्रीय प्रयोगशाला, गुलजारबाग  
पटना-800007

पत्रांक - 396/अग

पटना/दिनांक 13-03-2021

प्रेषक ,  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
क्षेत्रीय प्रयोगशाला, गुलजारबाग पटना -7  
सेवा में ,  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल - पालीगंज।

विषय :- जाँचफल प्रतिवेदन के संबंध में।

प्रसंग :- AE, R.W.D, Works Sub Division, Patigama  
vide letter No - 12345 Date - 22.2.21

महाशय ,

उपर्युक्त विषयक के संबंध में जाँचफल प्रतिवेदन इस पत्र के साथ संलग्न कर आवश्यक कारवाई हेतु भेजा जा रहा है जो निम्न प्रकार है:-

1) Check more to Patigama.

Mr Seal  
(13.2 mm x 0.0.9mm)

अनु:-यथोक्त

विश्वासभाजन

13/3/21

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
क्षेत्रीय प्रयोगशाला, गुलजारबाग पटना -7

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

13/03/2021

## PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

Name of Project/Road :-

Jharkha More to Patnauma.

Name of Scheme :-

MR - 3054

Name of Agency :-

M/s Singh Const Company

Nature of sample :

Mix seal (13.2mm to 0.9mm)

Date of Collection/Received :-

6/3/21

Location :-

1200 m

Date of Test :-

13/3/21

Ref :- Material sent by

E.E./A.E. R.W.D. WORKS Division/Sub Division

Patnauma

vide letter No.

123/21 Dt. 22/2/2021.

Agreement No / Package No. :

04/MBO/2020-21

| Sl. No. | A.I.V.             |                     |
|---------|--------------------|---------------------|
|         | Average Test Value | Required Value(Max) |
| 1.      |                    | 40%                 |

| Sl. No. | Sieve Size in (mm) | Weight of Sample Taken Kgs |                   |                    |              | Required Value |        | Remarks |
|---------|--------------------|----------------------------|-------------------|--------------------|--------------|----------------|--------|---------|
|         |                    | Weight Retd.               | % of Wt. Retained | % of Cum. Retained | % of Passing | Type A         | Type B |         |
| 1       | 13.2               | 0.000                      | 0.00              | 0.00               | 100          | -----          | 100    |         |
| 2       | 11.2               | 0.840                      | 4.85              | 4.85               | 95.15        | 100            | 88-100 |         |
| 3       | 5.6                | 8.125                      | 46.98             | 51.75              | 48.25        | 52-88          | 31-52  |         |
| 4       | 2.8                | 4.479                      | 25.85             | 77.60              | 22.40        | 14-38          | 5-25   |         |
| 5       | 0.09               | 3.084                      | 17.80             | 95.90              | 4.60         | 0-5            | 0-5    |         |

Patnauma  
DA 13/3/21

Patnauma  
13/3/21  
A.D.

Patnauma  
13/3/2021  
A.E.

Patnauma  
13/3/21  
E.E.

Regional Laboratory  
W.D. Guljarbagh patna - 7

Regional Laboratory  
R.W.D Guljarbagh patna - 7

Regional Laboratory  
R.W.D Guljarbagh patna - 7

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

कार्यपालक अभियंता का कार्यालय  
ग्रामीण कार्य विभाग, क्षेत्रीय प्रयोगशाला, गुलजारबाग  
पटना-800007

पत्रांक - 387/अड

पटना/दिनांक - 13-03-2021

प्रेषक,

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

क्षेत्रीय प्रयोगशाला, गुलजारबाग पटना -7

सेवा में,

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल - पटना

विषय :- जाँचफल प्रतिवेदन के संबंध में।

प्रसंग :- AE, RWS, works sub division, Patna.  
vide letter No - 13 dated 22.02.21

महाशय,

उपर्युक्त विषयक के संबंध में जाँचफल प्रतिवेदन इस पत्र के साथ संलग्न कर आवश्यक कारवाई हेतु भेजा जा रहा है जो निम्न प्रकार है:-

Sharkha More to Patna

- SSC

Bifurman Content

अनु:-यथोक्त

विश्वासभाजन

13/03

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

क्षेत्रीय प्रयोगशाला, गुलजारबाग पटना -7

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

## PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

387

14  
13/03/2024

Name of Project/Road :-

Shankha More to Patna.

Name of Scheme:- MB-3059

Name of Agency:- M/s Singh Const Company

Nature of sample:- Semi Dense Bituminous Concrete Date of Collection/Received:- 8/3/24

Location :- 500 kg.

Date of Test :- 13/3/24

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division

vide letter No. 13/2100 Dt. 22.02.21

Agreement No / Package No. : 09/MBD/2020-21

| Sl. No. | A.I.V.             |                     |
|---------|--------------------|---------------------|
|         | Average Test Value | Required Value(Max) |
| 1.      |                    | 30%                 |

16.915

| Sl. No. | Sieve Size in (mm) | Weight of Sample Taken Kgs |                   |                     |              |                | Remarks |
|---------|--------------------|----------------------------|-------------------|---------------------|--------------|----------------|---------|
|         |                    | Weight Retd.               | % of Wt. Retained | % of Cumm. Retained | % of Passing | Required value |         |
| 1       | 13.2               | 0.000                      | 0.00              | 0.00                | 100          | 100            |         |
| 2       | 9.5                | 0.753                      | 4.55              | 4.55                | 95.55        | 90-100         |         |
| 3       | 4.75               | 8.348                      | 49.35             | 53.80               | 46.20        | 35-51          |         |
| 4       | 2.36               | 2.309                      | 13.65             | 67.45               | 32.55        | 24-39          |         |
| 5       | 1.18               | 1.032                      | 6.10              | 73.55               | 26.45        | 15-30          |         |
| 6       | 0.300              | 1.903                      | 11.25             | 84.80               | 15.20        | 9-19           |         |
| 7       | 0.075              | 1.522                      | 9.00              | 93.80               | 6.20         | 3-8            |         |

Copy Submitted to/forwarded to:

E.E. R.W.D. Works Division :-

R.A. 13/3/24  
L.A.

Regional Laboratory

R.W.D. Guljarbagh patna - 7

A.D. 13/3/24

Regional Laboratory

R.W.D. Guljarbagh patna - 7

A.E. 13/3/2024

Regional Laboratory

R.W.D. Guljarbagh patna - 7

E.E. 13/3/24

Regional Laboratory

R.W.D. Guljarbagh patna - 7

Date 13/03/2021

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# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULJARBAGH, PATNA - 7

## Bituminous mix

Name of Project/Road :- Jharkha more to Patna

Name of Scheme:- MR-3054

Name of Agency :- M/s. Singh const. company

Nature of sample :- Bituminous content for SDC

Location :- 500m

Date of Collection/Received :- 06/03/2021

Date of Test :- 13/3/2021

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division / Sub Division Paliganj vide letter No. 13433 Dt. 22.02.2021

Agreement No / Package No. :- 04 / MRD/2020-21

| SL. NO. | SAMPLE NO.                                               | 1      | 2      | 3      | REMARKS |
|---------|----------------------------------------------------------|--------|--------|--------|---------|
| 1       | Wt. of mix taken before extraction (a)                   | 506.00 | 507.00 | 500.00 |         |
| 2       | Wt. of Dry chips after extraction (b)                    | 480.55 | 481.50 | 474.40 |         |
| 3       | Percentage of bitumen (in the mix) $[(a-b)*100] / a$ (%) | 5.03   | 5.03   | 5.12   |         |
| 4       | Average % bitumen                                        | 5.06   |        |        |         |

*[Signature]*  
A.D.

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*[Signature]*  
A.E.

Regional Laboratory

R.W.D. Guljarbagh patna - 7

*[Signature]*  
E.E.

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