

Book- Barahat to Bhisampur under F.D.R.

Measurement Book

Schedule XLV-Form No. 134

DIVISION

Kahalgagan. SUB-DIVISION

MBNO- 395

Certified that this M.B
contains 100 (one hundred)
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कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कीर्ति प्रमंडल कहलगाँव
03/09/2022

Sch, XLV-Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 395

Name of Officer _____

Date of first entry _____

Date of last entry _____

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Altitude: Restoration of Road from					
Bamhat to Bismphur					
F.D.R.					
Agency: Departmental					
Date of measurement: 30-09-20					
① Providing brick bats					
including spreading laying					
hand packing -- 10-11					

CH - 1000 to 1100					
1x	2.50x	$\frac{2.12+2.00}{2}$	$\times \frac{0.30+0.25}{2}$	=	1.44 H ³
2x	2.60x	$\frac{3.40+3.50}{2}$	$\times \frac{0.30+0.25}{2}$	=	5.02 H ³
1x	3.10x	$\frac{3.50+3.40}{2}$	$\times \frac{0.20+0.36}{2}$	=	2.67 H ³
3x	2.30x	$\frac{2.10+2.20}{2}$	$\times \frac{0.25+0.30}{2}$	=	4.15 H ³
1x	3.20x	$\frac{2.40+2.60}{2}$	$\times \frac{0.30+0.25}{2}$	=	2.24 H ³
2x	1.80x	$\frac{3.50+3.40}{2}$	$\times \frac{0.25+0.30}{2}$	=	3.48 H ³

1100 to 1200					
1x	2.30x	2.10	$\times 0.30$	=	1.45 H ³
2x	12.50x	3.10	$\times 0.30$	=	23.25 H ³
2x	4.40	$\times 2.50$	$\times 0.25$	=	5.50 H ³
1x	5.50	$\times 2.70$	$\times 0.30$	=	4.46 H ³
3x	3.10x	2.20	$\times 0.20$	=	4.09 H ³
1x	7.50x	2.30	$\times 0.30$	=	5.18 H ³

62.95 H³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1200-1400					
1 x 2.40 x 2.00 x 0.25				=	1.20 m ³
2 x 3.00 x 2.50 x 0.25				=	3.75 m ³
3 x 5.00 x 3.10 x 0.30				=	13.95 m ³
2 x 3.10 x 2.20 x 0.30				=	4.09 m ³
1400-1500					
1 x 2.30 x 2.50 x 0.30				=	1.73 m ³
2 x 2.60 x 1.70 x 0.30				=	2.65 m ³
2 x 2.50 x 3.40 x 0.20				=	3.40 m ³
1 x 2.10 x 2.50 x 0.20				=	1.05 m ³
1500 to 1600					
2 x 3.00 x 0.90 x 0.20				=	2.88 m ³
2 x 4.50 x 0.80 x 0.30				=	2.16 m ³
2 x 2.40 x 1.10 x 0.15				=	0.79 m ³
1600 to 1700					
2 x 13.00 x 2.40 x 0.15				=	9.36 m ³
1 x 27.00 x 3.10 x 0.30				=	25.11 m ³
1 x 40.00 x 3.20 x 0.25				=	32.00 m ³
1700 to 1800					
2 x 3.40 x 2.60 x 0.30				=	5.30 m ³
1 x 4.30 x 2.20 x 0.20				=	1.89 m ³
2000 to 2100					
2 x 5.00 x 2.400 x 0.30				=	7.20 m ³
4 x 2.30 x 1.50 x 0.150				=	2.07 m ³
2100 to 2200					
1 x 1.80 x 1.60 x 0.15				=	0.43 m ³
2 x 2.30 x 2.60 x 0.30				=	3.59 m ³
					187.53 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>2200 to 2300</u>					
1 x	3.20 x	2.40 x	0.25	=	1.92 m ³
2 x	2.30 x	2.60 x	0.30	=	3.59 m ³
4 x	2.10 x	2.40 x	0.30	=	6.05 m ³
<u>2300 to 2400</u>					
1 x	25.00 x	3.15 x	0.35	=	27.56 m ³
2 x	10.20 x	0.10 x	0.30	=	12.85 m ³
<u>2500 to 2600</u>					
2 x	2.40 x	1.15 x	0.15	=	0.83 m ³
1 x	2.10 x	2.50 x	0.15	=	0.79 m ³
2 x	2.60 x	1.30 x	0.20	=	1.35 m ³
2 x	11.25 x	2.40 x	0.20	=	10.80 m ³
<u>2600 to 2700</u>					
1 x	2.30 x	2.40 x	0.20	=	1.10 m ³
3 x	12.10 x	2.20 x	0.20	=	15.97 m ³
2 x	2.20 x	3.10 x	0.25	=	3.41 m ³
1 x	4.50 x	2.60 x	0.15	=	1.76 m ³
1 x	2.30 x	2.70 x	0.20	=	1.24 m ³
1 x	3.20 x	2.40 x	0.25	=	1.92 m ³
<u>2700 to 2800</u>					
1 x	2.70 x	3.10 x	0.30	=	2.51 m ³
1 x	2.60 x	2.50 x	0.25	=	1.63 m ³
1 x	14.70 x	2.90 x	0.30	=	12.79 m ³
2 x	2.40 x	2.30 x	0.20	=	2.21 m ³
1 x	12.70 x	2.60 x	0.30	=	9.91 m ³
1 x	1.55 x	2.20 x	0.25	=	0.85 m ³
					<u>426.17 m³</u>

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>2800 to 2900</u>					
1x 2.40 x 2.60 x 0.25 =					1.56 H ³
1x 9.60 x 2.70 x 0.30 =					7.78 H ³
1x 15.00 x 3.20 x 0.30 =					14.40 H ³
1x 17.00 x 2.70 x 0.35 =					16.07 H ³
2x 2.20 x 2.10 x 0.15 =					1.39 H ³
1x 12.50 x 3.10 x 0.30 =					11.63 H ³
<u>2900 to 3000</u>					
2x 2.70 x 2.60 x 0.30 =					4.21 H ³
1x 4.60 x 3.10 x 0.30 =					4.28 H ³
1x 12.30 x 2.10 x 0.25 =					6.46 H ³
1x 2.70 x 1.90 x 0.20 =					1.03
2x 17.70 x 2.20 x 0.25 =					19.47
<u>3000 to 3100</u>					
1x 2.50 x 2.40 x 0.20 =					1.20 H ³
1x 14.40 x 2.60 x 0.25 =					9.36 H ³
1x 9.20 x 2.20 x 0.20 =					1.41 H ³
1x 2.40 x 2.10 x 0.25 =					1.26 H ³
1x 2.25 x 2.15 x 0.20 =					0.97 H ³
<u>3100 to 3200</u>					
1x 14.20 x 3.10 x 0.30 =					13.21 H ³
1x 25.40 x 2.20 x 0.20 =					11.18 H ³
2x 2.50 x 2.30 x 0.25 =					2.88 H ³
1x 2.10 x 2.20 x 0.15 =					0.69 H ³
1x 3.50 x 2.50 x 0.20 =					1.75 H ³
<u>3300 to 3400</u>					
1x 7.20 x 2.40 x 0.20 =					3.46 H ³

561.82 H³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 5.15 x 2.20 x 0.25 =					2.83 H ³
2 x 2.46 x 2.10 x 0.20 =					2.02 H ³
3400 to 3500					
1 x 7.20 x 2.36 x 0.20 =					3.31 H ³
1 x 8.30 x 2.20 x 0.25 =					4.57 H ³
1 x 16.60 x 2.70 x 0.30 =					12.96 H ³
1 x 3.40 x 1.90 x 0.20 =					1.29 H ³
3500 to 3600					
1 x 2.20 x 2.10 x 0.15 =					0.69 H ³
1 x 2.30 x 2.20 x 0.20 =					1.01 H ³
1 x 2.70 x 2.50 x 0.20 =					1.35 H ³
3600 to 3700					
2 x 1.70 x 2.30 x 0.20 =					1.56 H ³
1 x 2.10 x 2.10 x 0.15 =					0.66 H ³
1 x 3.20 x 2.25 x 0.20 =					1.44 H ³
3700 to 3800					
1 x 3.20 x 2.10 x 0.15 =					1.01 H ³
2 x 2.46 x 1.70 x 0.20 =					1.63 H ³
1 x 1.80 x 1.20 x 0.20 =					0.43 H ³
3800 to 3900					
1 x 2.40 x 2.20 x 0.20 =					1.06 H ³
1 x 3.20 x 2.40 x 0.15 =					1.15 H ³
3900 to 4000					
1 x 7.20 x 2.40 x 0.30 =					5.18 H ³
1 x 6.30 x 2.10 x 0.20 =					2.65 H ³
1 x 2.20 x 2.10 x 0.15 =					0.69 H ³
2 x 2.40 x 2.30 x 0.20 =					2.21 H ³

611.52 H³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>4000 to 4100</u>					
1 x 2.30 x 2.20 x 0.20 =					1.01 H ³
1 x 2.10 x 2.30 x 0.20 =					0.97 H ³
<u>4100 to 4200</u>					
1 x 3.70 x 1.40 x 0.25 =					1.30 H ³
1 x 2.60 x 2.30 x 0.20 =					1.20 H ³
1 x 1.70 x 2.00 x 0.10 =					0.34 H ³
<u>4500 to 4600</u>					
1 x 17.20 x 2.70 x 0.30 =					13.93 H ³
1 x 7.20 x 1.50 x 0.25 =					2.70 H ³
2 x 4.10 x 2.40 x 0.25 =					4.92 H ³
<u>4600 to 4700</u>					
1 x 2.50 x 2.20 x 0.25 =					1.38 H ³
1 x 12.40 x 2.30 x 0.30 =					8.56 H ³
1 x 2.30 x 2.20 x 0.15 =					0.76 H ³
1 x 8.70 x 2.40 x 0.25 =					5.22 H ³
<u>4700 to 4800</u>					
1 x 6.40 x 2.30 x 0.20 =					2.94 H ³
1 x 2.20 x 2.50 x 0.20 =					1.10 H ³
<u>4800 to 4900</u>					
1 x 9.40 x 2.35 x 0.30 =					6.63 H ³
1 x 14.20 x 2.30 x 0.25 =					8.17 H ³
1 x 6.40 x 2.90 x 0.25 =					4.64 H ³
1 x 2.20 x 2.30 x 0.30 =					1.52 H ³
<u>6150-6300</u>					
1 x 2.40 x 2.50 x 0.20 =					1.20 H ³
<u>6300 to 6400</u>					
1 x 2.30 x 2.40 x 2.00 =					11.04 H ³
					691.05 H ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6300 to 6400					
1 x 2.50 x 2.10 x 0.20 =					1.05 m ³
6400 to 6500					
1 x 20.50 x 2.90 x 0.25 =					14.86 m ³
1 x 9.25 x 2.70 x 0.30 =					7.49 m ³
1 x 2.50 x 2.40 x 0.25 =					1.50 m ³
1 x 1.60 x 1.20 x 0.15 =					0.29 m ³
6500 to 6600					
1 x 15.50 x 2.50 x 0.25 =					9.69 m ³
1 x 12.10 x 2.70 x 0.30 =					9.80 m ³
6600 to 6700					
1 x 2.70 x 2.20 x 0.20 =					1.19 m ³
1 x 3.20 x 2.25 x 0.25 =					1.80 m ³
6700 to 6800					
1 x 1.70 x 2.60 x 0.30 =					1.33 m ³
7500 to 7600					
1 x 2.10 x 1.20 x 0.15 =					0.38 m ³
1 x 1.50 x 1.10 x 0.15 =					0.25 m ³
7600 to 7700					
1 x 2.60 x 2.00 x 0.20 =					1.04 m ³
7700 to 7800					
1 x 1.70 x 2.20 x 0.30 =					1.12 m ³
8340 to 8400					
1 x 2.60 x 2.40 x 0.30 =					1.87 m ³
8400 to 8500					
1 x 2.70 x 2.20 x 0.25 =					1.49 m ³
1 x 2.80 x 2.30 x 0.25 =					1.61 m ³
					747.81

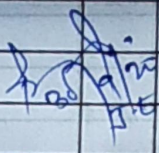
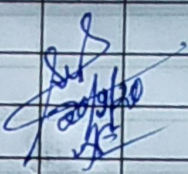
Continuation

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Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8500 to 8600					
1 x 2.60 x 2.40 x 0.25 =					1.56 m ³
8600 to 8700					
1 x 2.20 x 2.10 x 0.20 =					0.92 m ³
1 x 3.10 x 2.20 x 0.20 =					1.36 m ³
8700 to 8800					
1 x 2.60 x 2.40 x 0.25 =					1.56 m ³
1 x 4.25 x 2.30 x 0.30 =					2.93 m ³
8800 to 8900					
2 x 1.70 x 1.50 x 0.20 =					1.02 m ³
2 x 2.75 x 2.20 x 0.15 =					1.82 m ³
8900 to 9100					
1 x 1.70 x 1.20 x 0.15 =					0.31 m ³
					759.29 m ³

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
D) Providing Brick bats.					
including spreading					
laying and packing					
do. E/I					
Qty vide TMB P. (8)					
159.29 m ³	@	R 1718.47/m ³			R 1304817.00
					R 1304817.00
Add	GST 12%				R 156578.00
Add	W.C. 1%				R 13048.00
Add	S.F. 10% of				
Material Basic Rate					R 80718.00
					R 156578.00
 					

Continuation