

Bigwariya NH-31 To Jawadpur part A
Schedule XLV-Form No. 134

BARSOI DIVISION

Barsoi SUB-DIVISION

M.B.No. 1704.

Measurement Book

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)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-2245 F.D.R					
Name of Work - Restoration of					
Work Bijuriya NH-31					
To Jawadpur Part-A					
Agency - Departmental					
Supplier -					

Authority -
 Date of start -
 Date of completion -
 Date of Entry - 25.3.15

Record Measurement

(1.) P/r Bitck Bats including Spreading Laying and Compacting with C.I Hammer					
1 x 8.0	x 3.4	x 0.30	=	8.16	M ³
1 x 3.50	x 1.4	x 0.30	=	1.47	M ³
1 x 2.90	x 2.5	x 0.30	=	2.18	M ³

Continuation

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Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
1 X 21.6 X (2.6 + 3.50 + 4.60)		3			X 0.30
					= 22.82 M ³
1 X 26.0 X (4.50 + 4.20 + 2.75)		3			
	X	0.30 + 0.30 + 0.30			
		3			= 30.78 M ³
1 X 23.20 X (2.55 + 2.55 + 1.95)		3			X 0.30
					= 16.49 M ³
1 X 53.20 X (3.5 + 2.8 + 4.5 + 2.10)		4			X 0.30
					= 55.08 M ³
1 X 71.0 X (2.5 + 1.8 + 2.0 + 2.0 + 3 + 3.5)		5			
		X (0.30 + 0.20)			
		2			= 48.86 M ³
1 X 37.20 X (3.4 + 2.65 + 4.50 + 3.50)		4			
	X	0.30			= 36.07 M ³
1 X 15.9 X (4.05 + 1.75)		2			X 0.30 = 12.42 M ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x100.3	x	(3.8+3.3+4.2+2.7+4.10+2.57)			7.13.5
			7		
		x	0.30	=	98.57m ²
1x49.50	x	(4.0+2.50+3.20+1.90)			
		4			
		x	0.30	=	47.48m ²
1x20.0	x	(5.0+1.73)			
		2			
		x	0.30	=	18.23m ²
1x22.5	x	(2.8+3.50)			
		2			
		x	0.30	=	19.95m ²
1x27.2	x	(2.83+4.50+1.90)			
		3			
		x	0.30	=	25.09
1x128.6	x	(2.45+2.93+2.13+4.05+1.4+2.1+1.9+1.6)			
		8			
		x	0.30	=	98.20m ²
1x25.5	x	(4.40+4.50)			
		2			
		x	0.30	=	33.93m ²
1x49.30	x	(2.83+4.5+2.2+2.5+4.33)			
		5			
		x	0.30	=	52.48m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 54.7	$(5.4 + 4.55 + 3.8)$			$\times 0.30$	
	3				$= 67.02 M^2$
1 x 7.0	4.25	$\times 0.30$			$= 11.48 M^2$
1 x 34.8	$(2.93 + 2.97 + 2.55 + 3.57)$				
	4				
			$\times 0.30$		$= 32.31 M^2$
1 x 19.40	$(2.75 + 4.35)$			$\times 0.30$	$= 20.81 M^2$
	2				
1 x 38.0	$(4.0 + 2.25)$			$\times 0.30$	$= 35.10 M^2$
	2				
1 x 26.4	$(2.5 + 2.13 + 1.90 + 2.3)$				
	4				
			$\times 0.30$		$= 17.39 M^2$
1 x 53.0	$(4.17 + 4.55 + 2.93)$			$\times 0.30$	
	3				$= 60.59 M^2$
1 x 43.4	$(4.40 + 3.50 + 2.75 + 3.50 + 2.03)$				
	5				
			$\times 0.30$		$= 40.80 M^2$
1 x 70.0	$(3.23 + 1.85)$			$\times 0.30$	$= 22.20 M^2$
	2				$= 51.27 M^2$

Continuation

Continuation					
Particulars	Quantity of material	Unit	Rate	Amount	Remarks
1 x 13.5 x 12.5	$\frac{(1.20 + 1.20)}{2} \times 12.5$	m	10.00	150.00	
1 x 77.4	$\frac{(4.75 + 2.77 + 2.64 + 2.25 + 2.3 + 1.7 + 2.7 + 4.25)}{8}$	m			
1 x 2.0 x 5.0 x 0.30		m ³	0.30	74.52	
1 x 10.0 x 5.0 x 0.30		m ³		15.00	
1 x 32.30	$\frac{(4.03 + 2.70)}{2} \times 0.30$	m		38.13	
1 x 33.0	$\frac{(4.6 + 4.1)}{2} \times 0.30$	m ²		44.52	
1 x 19.50	$\frac{(4.55 + 4.50)}{2} \times 0.30$	m ³		26.56	
1 x 26.0	$\frac{(3.33 + 4.60)}{2} \times 0.30$	m		33.98	
1 x 20.30	2.47×0.30	m		15.04	
1 x 5.30	5.05×0.30	m		8.03	
1 x 32.20	$\frac{(1.67 + 2.27)}{2} \times 0.30$	m		17.97	
1 x 25.50	$\frac{(3.55 + 4.53)}{2} \times 0.30$	m		31.57	
1 x 53.5	$\frac{(4.40 + 2.57)}{2} \times 0.30$	m		60.74	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 34.0 x	(3.50 + 2.8 + 4.35)			2.55 + 2.50 + 1.75	
		6			
			x (0.30 + 0.20)		
			2		
				=	23.43 m ³
1 x 5.0 x 3.75 x 0.30				=	5.63 "
1 x 40.0 x 3.15 x 0.20				=	25.20 "
1 x 54.9 x (5.0 + 1.92 + 5.05)				x (0.30 + 0.20)	
		3		2	
				=	39.56 m ³
1 x 16.30 x (4.10 + 2.75)		2		x 0.30 =	18.31 "
1 x 10.0 x 2.55 x 0.20				=	5.10 "
1 x 92.0 x (4.60 + 4.50 + 4.53 + 4.13)		4		x (0.30 + 0.20)	
			2		
				=	87.62 m ³
1 x 56.0 x (4.10 + 3.75 + 4.55 + 2.70)		4		x 0.30 =	66.81 m ³

Continuation

Particulars	Details of actual measurement				Content of area:
	No.	L.	B.	D.	
1 x 37.0 x (4.23 + 4.15)	2				0.20
				2	
			=		39.35 m ²
1 x 42.0 x (4.53 + 2.40 + 3.10)	3				
			x (6.30 + 0.20)		
			2		
				=	41.22 m ²
1 x 42.0 x (4.15 + 1.75 + 2.27)	3				
			x (8.17 + 0.20)		
			2		

				=	28.28 m ²
1 x 30.0	x 4.53	x 0.20		=	27.48 "
1 x 34.0	x 4.02	x 0.20		=	27.34 "
1 x 22.0	x $\frac{(1.80 + 3.37)}{2}$		x 0.30	=	17.53 "
1 x 14.0	x 4.10	x 0.30		=	17.22 "
1 x 39.0	x 3.63	x 0.20		=	28.31 "
1 x 6.0	x 4.10	x 0.30		=	7.38 "
1 x 4.40	x 2.55	x 0.30		"	3.37 "
1 x 12.0	x 2.10	x 0.30		"	7.56 "
			Total	=	1857.28
					m ³

Continuation 48, 3, 27

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Name to work—

1

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.	
CH. - 2245 F.D.R					
Name of Work - Restoration of work					
Ichigwan to Pmcsy					
Agency - Departmental					
Supplier -					
Authority -					
Date of Start -					
Date of Completion -					
Date of entry - 25.3.21					

Record Measurement

① Plv Brick Bats including spreading
Laying Compacting with C.I hammer

$$1 \times 10.0 \times \frac{(3.47 + 6.23)}{2} \times \frac{(1.30 + 1.60 + 1.40)}{3}$$

$$= 70.23 \text{ m}^3$$

$$1 \times 14.0 \times \frac{(3.27 + 5.87)}{2} \times \frac{(1.40 + 1.40 + 1.10 + 1.30)}{4}$$

$$= 83.17 \text{ m}^3$$

$$1 \times 4.50 \times \frac{(4.55 + 5.90)}{2} \times \frac{(0.85 + 0.50)}{2}$$

$$= 15.87 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
43.0 1 X 39.50		(4.93 + 8.78)		(1.75 + 1.10 + 1.50 + 1.85)	
		2		4	
				=	207.26 m ²
				=	458.03 m ²
1 X 17.0		(3.37 + 5.43)		(0.90 + 1.60 + 0.60)	
		2		3	
				=	77.29 m ²
				Total =	453.82 m ²
				Total =	704.59 m ²
				By	
				30.3.21	

Handwritten notes on a grid background:

- Top right: $7 \times 15 = 105$
- Below it: $105 \div 7 = 15$
- Bottom right: $105 \div 15 = 7$

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$\text{C} 1217 \div 37 \text{ m}$
 $\text{h} \quad 43, 59, 639 =$
 Add. NST + 6e
 $\text{C} 1341$ $(4) 5177, 958 =$
 (11) Add. S.F
 Break r 2561.874
 $\text{C} 1063 - 101 \text{ m}$
 $\text{h} \quad 27, 282, 68$
 $\text{C} 104$ $\text{h} \quad 2, 82, 327 =$
 $52, 43, 964 =$
 $\text{h} \quad \text{m}$ $\text{h} \quad \text{m}$

Continuation 28,321

TEBING

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