

L034-Kadwa to Samtheli (VR 88)

Shedule XLV Form No. 134.

Barsol **DIVISION**

Kadwa **SUB-DIVISION**

Measurement Book

~~1509~~

1609

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.	
	CH-	2245	P.D.R.		
Name of work -	Restoration of L034				
	Kadwa To Samjheli (VR34)				
Agency -	Departmental				
Supplier -					
Authority -					
Date of start -					
Date of completion					
Date of entry -					
Record measurement					
1. Providing Bricks Gate including Spreading, laying and Compacting					
1x	150x	$\frac{(2.13+3.65)}{2}$		$\times (1.90+1.50+1.20+1.50)$	
				$\frac{4}{4}$	
					= 66.11 M ³
1x	19x	$\frac{(1.76+3.55)}{2}$		$\times (1.65+2.0+1.8+1.7)$	
				$\frac{4}{4}$	
					= 90.17 M ³
1x	42x	$\frac{(3.8+8.43)}{2}$		$\times (2.0+1.7+2.8+2.9+2.6+1.90)$	
				$\frac{6}{6}$	
Continuation					= 594.99 M ³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$110 \times \left(\frac{3.75 + 5.07}{2} \right) \times$					
$\left(\frac{0.55 + 0.6 + 0.56 + 0.78 + 0.60}{2} \right)$					
$+ \left(\frac{0.51 + 0.89 + 0.78}{2} \right)$					
	8				
					$= 31.96 m^3$
$1 \times 8.0 \times \left(\frac{3.65 + 4.90}{2} \right) \times$					
$\left(\frac{0.70 + 0.60 + 0.54 + 0.60 + 0.80 + 0.72 + 0.55 + 0.48}{2} \right)$					
	8				
					$= 21.33 m^3$
$1 \times 21 \times \left(\frac{3.70 + 7.10}{2} \right) \times \left(\frac{1.50 + 1.90 + 1.70}{3} \right)$					

$$= 192.78 m^3$$

$$1 \times 50 \times 5$$

$$1 \times 55 \times \left(\frac{3.5 + 6.5}{2} \right) \times \left(\frac{1.20 + 1.5 + 2.3 + 1.0}{4} \right)$$

$$= 412.50 m^3$$

$$1 \times 5 \times \left(\frac{2.5 + 3.28}{2} \right) \times \left(\frac{0.7 + 0.8 + 0.85}{3} \right)$$

$$= 11.32 m^3$$

$$1 \times 16 \times \left(\frac{3.9 + 5.73}{2} \right) \times \left(\frac{0.80 + 0.9 + 1.20 + 0.75}{4} \right)$$

$$= 70.03 m^3$$

$$1 \times 50 \times \left(\frac{1.29 + 2.11}{2} \right) \times \left(\frac{1.20 + 1.10 + 1.10 + 1.20}{4} \right)$$

Continuation

$$= 97.75 m^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times (50 + 30.0)$					
$1 \times 80 \times \left(\frac{30 + 11.80}{2} \right)$				$(0.45 + 0.50 + 0.40 + 0.60 + 0.55)$	
				5	
					$= 62.00 \text{ m}^3$
$1 \times 31 \times \left(\frac{3.10 + 4.49}{2} \right)$				$(0.55 + 0.640 + 0.73 + 0.65 + 0.75 + 0.86)$	
				6	
					$= 81.96 \text{ m}^3$
$1 \times 9.6 \times \left(\frac{3.8 + 5.56}{2} \right)$				$(0.95 + 0.82 + 0.90 + 0.85)$	
				4	
					$= 39.54 \text{ m}^3$
$1 \times 37.60 \times \left(\frac{3.54 + 5.14}{2} \right)$				$(0.75 + 0.80 + 0.925 + 0.70 + 0.80 + 0.68 + 0.92 + 0.74 + 0.80)$	
				10	
					$= 130.79 \text{ m}^3$
$1 \times 12 \times \left(\frac{4.2 + 5.95}{2} \right)$				$(0.90 + 0.85 + 0.90 + 0.85)$	
				4	
					$= 53.29 \text{ m}^3$
$1 \times 16.5 \times \left(\frac{4.07 + 5.70}{2} \right)$				$(0.75 + 0.80 + 0.82 + 0.90 + 0.74 + 0.90)$	
				6	
					$= 65.96 \text{ m}^3$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 4.6 \times \left(\frac{3.30 + 4.48}{2} \right) \times (0.60 + 0.70 + 0.55 + 0.30)$				4	
				2	65.96 m^3
				2	10.51 m^3
$1 \times 15 \times \left(\frac{3.5 + 4.42}{2} \right) \times (0.68 + 0.50 + 0.65 + 0.74)$	2			4	
				2	35.91 m^3
$1 \times 35.00 \times \left(\frac{4.03 + 5.20}{2} \right) \times (0.50 + 0.35 + 0.42 + 0.60 + 0.58 + 0.80 + 0.78 + 0.65)$	2			8	
					94.49 m^3
$1 \times 7 \times \left(\frac{2.20 + 2.45}{2} \right) \times (0.20 + 0.25 + 0.30 + 0.21 + 0.26 + 0.29)$	2			6	
				2	4.10 m^3
$1 \times 29 \times \left(\frac{3.35 + 4.32}{2} \right) \times (0.50 + 0.44 + 0.52 + 0.45 + 0.50 + 0.35 + 0.45 + 0.48)$	2			8	
				2	54.08 m^3
$1 \times 26 \times \left(\frac{3.25 + 4.03}{2} \right) \times (0.40 + 0.50 + 0.42 + 0.32 + 0.40 + 0.32 + 0.41 + 0.35)$	2			8	
Continuation				2	36.91 m^3

Particulars	Details of actual measurement				Co. of area
	No.	L.	B.	D.	
1 x 9.0 x (3.13 + 3.91) x (0.3 + 0.40 + 0.55 + 0.40 + 0.35 + 0.32)	2				
				6	
					12.25 m ³
1 x 38.40 x (3.15 + 4.10) x (0.30 + 0.52 + 0.55 + 0.60 + 0.55 + 0.48 + 0.40 + 0.35)	2				
				8	
					66.12 m ³
				Total	2337.12 m ³

Less Home pipe

$$2 \times \frac{(3.14 \times (1.23)^2)}{4} \times 2.5 = (-) 5.940 \text{ m}^3$$

$$2331.18 \text{ m}^3$$

② Providing and laying Reinforced Cement Concrete pipe RCP as per Design 1000 mm Dia.

$$2 \times 2.5 \text{ m} = 5.0 \text{ m}$$

Ad
7/4/21
OE

Ad
7/4/21
AD

✓