

Name of work — Mandir to Lat
Name of office — Monsy(SG)

Schedule XLV Form No. 134.

Agency — Aligarh Engineering Construction
Executive Engineer
R.W.D. Works Division
Rajput DIVISION

A. E. Rajput SUB-DIVISION

Measurement Book

No. 100 — 1048

Name of work - ~~Carried out on work form~~
 Situation of work - Mandir to L45
 Agency by which work is executed - Nirman
 Date of measurement ~~Carried out on~~
 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.	
Agu Nw	84	1 mm/day	0.8	11.5	
Date	11.10.28				
Date of survey	21	1/21			
1. Piling activity of working boulders					0.2 Nos
2. Piling activity of rock piles -					0.4 Nos
3. Chipping activity of road					
2d	200	25.00	2.00	$= 4500 \text{ m}^2$	0.40 Nos
V.P.Y					
	22.10.28				
	02				

Record entry					
Serial	Ch	Actual measurement	Area	Volume	
1	0	0.756	-	-	-
2	50	0.818	0.787	50	39.350 m^3
3	100	0.846	0.812	50	40.600 m^3
4	150	0.896	0.851	50	42.550 m^3
5	200	1.458	1.177	50	58.850 m^3
6	250	1.089	1.284	50	64.275 m^3
7	300	1.363	1.236	50	61.800 m^3
8	350	1.266	1.315	50	65.725 m^3
9	400	1.332	1.32	50	64.950 m^3
10	450	1.037	1.185	50	59.250 m^3

Continuation

$\sum 497.275 \text{ m}^3$

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21 x 30. or d 4.05 x 0.101 =					255.15 m ³
4 x 30. and 4.05 x 0.101 =					97.20 m ³
				Tot =	352.35 m ³
V pg					
1572 ft					
measured m ³					
Surf = 48 m ³					
Stand = 197 m ³					
V pg					
1572 ft					

Avg. level

1. Avg. elev. of Wavy balconek

$$V.T.m.B.P.1 = 2 \text{ Nos} \times 39.38 = 32/\text{mL} \rightarrow 7877 =$$

2. Avg. & fl. of surface filled

$$V.T.m.B.P.1 = 4 \text{ Nos} \times 17.56 = 96/\text{mL} \rightarrow 108 =$$

3. Avg. elev. of land filled

$$V.T.m.B.P.1 = 0.4 \text{ Nos} \times 51.13 = 26/\text{mL} \rightarrow 20453 =$$

4. Avg. elev. of embankment

$$V.T.m.B.P.2 = 636 m^3 \times 18.8 = 0.57 \rightarrow 1196 \text{ m}$$

5. Avg. of embankment and all

$$V.T.m.B.P.2 = 662 m^3 \times 14.2 = 17 m^3 \rightarrow 9417 =$$

6. Count of surveyors - 2 levels

$$V.T.m.B.P.3 = 1512 m^3 \times 18.7 = 89 m^3 \rightarrow 257114 =$$

7. Remained length 1.5 to 4 all

Continuation → 536263 ft

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Area of plot	16			BF	536269 \approx
2. Total area - 3 =	162 m ²				
3. Volume of soil - 4 =	352.05 m ³				
	514.35 m ³				
e (18) \times 99 / m ²				A	932511 \approx
7. Party & boundary survey band					
V total per 3 = 271165.92 m ³ \approx 316 L +					18581 \approx
8. Party & length of each 3 m width					
length of 100 m					
V total B.P. \geq 22.50 m \geq 911 = 16 fm + 2050 \approx					
9. piping of outlet drift					
V total B.P. \geq 1.47 m ³ c 484 = 74 fm					
10. Distance of outlet \approx 21 fm					683 \approx
V total B.P. \geq 4842 m ³ \geq 23 fm \geq 7 fm					11130 \approx
11. Removal of all dry plot of 1/2					
V total B.P. \geq 7 fm \geq 174 fm \geq 8 fm +					131 fm
Area 1 \geq 1.47 m \geq 12 fm \geq 7 fm				D	1520686 \approx
				J	197689 \approx
				B	1718375 \approx
Area S.F 10 fm				A	25391 fm
				J	1743766 \approx
Area 21 fm \geq 3 fm \geq 1.	(C)			C	36619 \approx
				D	1377575 \approx
V piping					
15/2/24					
JE					

Continuation