

Daiter Baba Kookhoj Road to Babhanadi
Barguh Chau Bida -
Schedule XLV-Form No. 134

Baxar **DIVISION**

Rajpur **SUB-DIVISION**

M.B.No - 1728

MEASUREMENT BOOK

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16/03/27 दिना- पुराना हल
 कर मापन 3/12/24 को कुल 100
 (एक लाख) रुपये 400-87
 मिलेगी- लक्ष्मीकान्त सिंह
 16/03/27 दिना- पुराना हल
 कर मापन 3/12/24 को कुल 100
 (एक लाख) रुपये 400-87
 मिलेगी- लक्ष्मीकान्त सिंह

16.03.27
 कार्यपालक अभियंता
 सामान्य कार्य विभाग
 कार्य प्रमाणित, बक्सर
 16/03/27

Sch. XLV—Form No. 134

Bram DIVISION
Rajpur SUB-DIVISION

Measurement Book

No. 1728

Name of Officer Laxmikant Singh
A.E. Rajpur.
 Date of first entry _____
 Date of last entry _____

Name to 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.	
Record Entry					
Yw → Daitra Baba Kawathiy					
Road Bakhonwalia Brahman					
Tota					
Agency - Pramod Singh					
Rg. No - 10 SB 20/2023-2024					
Date of starting - 27/12/2023					
Date of completion - 26/12/24					

① Setting out pillars → 0.650 km

② clearing and grubbing

$$10 \times 30 \text{ m} \times 3.50 \text{ m} = 1050 \text{ m}^2$$

$$10 \times 30 \text{ m} \times 3.50 \text{ m} = 1050 \text{ m}^2$$

$$1 \times 30 \text{ m} \times 3.50 \text{ m} = 105 \text{ m}^2$$

$$1 \times 20 \text{ m} \times 3.50 \text{ m} = 70 \text{ m}^2$$

$$2275 \text{ m}^2$$

$$\text{hect} = 0.23 \text{ hec}$$

P. B. Singh

17/03/24

JES

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Record Entry					
N/W → Dairia Baka Kankhuy					
Road Babhanwalia					
Buchaman Tola					
Agency → Prasad Singh					
Ag. No → 10 S.P.D 2023-2024					
① Const ⁿ of embankment					
material obtained from					
bottom pit					
Chainage	Area	mean dist		Volume	
10	0.422	(L)			
50	1.178	0.800	50	40.00	
100	1.184	1.181	50	59.050	

150	1.200	1.192	50	59.600
200	1.175	1.188	50	59.875
250	1.178	1.177	50	58.825
300	0.633	0.906	50	45.225
350	0.771	0.702	50	35.100
400	0.625	0.698	50	34.900
450	0.524	0.575	50	28.725
500	0.520	0.502	50	26.100
550	0.381	0.451	50	22.525
600	0.603	0.492	50	24.600
650	0.562	0.583	50	29.125
For 100m lead. Total =				523.200 ³
1 Prasad				
02/04/24				
JE				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 st Running Bill					
① Setting out pillars vide					
P.No-1 = 0.6501cm					
② clearing and grubbing vide					
P.No-1 = 0.23 hec.					
③ constn of embankment material obtained from borrow pit vide					
P.No-2 = 523.200m ³					
④ constn of Subgrade P.No-3					
≥ 1170 m ³					
⑤ P/V GSB grading I P.No-3					
≥ 526.50 m ³					
⑥ P/V WBM grading III					
⑩ 10x30m x 3.75m x 0.025 = 84.38 m ³					
10 x 30m x 3.75m x 0.025 = 84.38 m ³					
30m x 3.75m x 0.025 = 8.44 m ³					
20m x 3.75m x 0.025 = 5.63 m ³					
182.83 m ³					
⑦ C/D works					
(i) Earthwork in excavation					
1000mm ϕ					
H.W $\rightarrow$ 2 x 6.450m x 1.400 x 1.50 = 27.09m ³					
B.P. 1 x 4.850m x 1.530 x 0.365 = 2.708m ³					
600mm ϕ					
H.W $\rightarrow$ 2 x 3.900m x 1.150 x 1.50 = 13.45m ³					
B.P. 1 x 5.350m x 1.130m x 0.365 = 2.207m ³					
45.46m ³					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) P.V. MIS in foundation					
H.W.	2	6.450m	1.400	0.150	$= 2.709m^3$
B.P.	1	4.931m	1.530	0.250	$= 1.886m^3$
M.W.	2	3.900	1.150m	0.100	$= 1.345m^3$
B.P.	1	5.311m	1.130	0.250	$= 1.500m^3$
					<u>7.440m³</u>

(iii) Plain/Reinforced cement in Substructure

H.W.	2	6.150m	0.825	2.58	$= 26.181m^3$
Parapet	2	6.150m	0.400	0.6	$= 2.95m^3$
Less Rec pipe	2	0.7857m	1.230 ²	0.622	$= 1.148m^3$
H.W.	2	3.600m	0.700	2.180	$= 10.99m^3$
Parapet	2	3.600m	0.400		

Less Rec pipe	2	0.7857m	0.230 ²	0.530	$= 1.054$
					<u>38.07m³</u>

(iv) P.V. and laying Rec pipe NP-3

1000mm ϕ	3	2.50			$= 7.50m$
600mm ϕ	8	2.50			$= 7.50m$

JE
15/5/20
JE

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract and cost					
① Selling out pillar vide					
P.No. 4 = 0.65 km @ Rs 18241.76					
= Rs 11857.00					
② Clearing and grubbing vide					
P.No. 4 = 0.23 ha @ Rs 79697.86					
= Rs 16791.00					
③ Constn of embankment material obtained from borrow pit vide					
P.No. 4 = 10000 508.00 m ³ @ Rs 179.410					
= Rs 938672.00					
④ Constn of Subgrade vide P.No. 4					
= 1170 m ³ @ Rs 1572.190 = Rs 1839462.00					
⑤ P/V G.S.B grading II P.No. 4.					
= 526.50 m ³ @ Rs 3723.01 =					
= Rs 196016.50					
⑥ P/V WBM grading III P.No. 4					
= 182.83 m ³ @ Rs 531.770					
= Rs 97224.00					
⑦ C.D works					
(i) Earthwork in excavation vide					
P.No. 4 = 45.46 m ³ @ Rs 383.280					
= Rs 17424.00					
(ii) P/V M15 in foundation vide					
P.No. 5 = 7.44 m ³ @ 7002.270					
= Rs 52097.00					
(iii) Plain/Reinforced cement in sub structure vide P.No. = 38.07 m ³					
@ Rs 8186.840 = Rs 311673.00					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iv) P/W and laying R.C. pipe NP-3					
1000 mm ϕ wide R.C. pipe No-5		7.50m			@ Rs 17464.646
					= Rs 559852.00
600 mm ϕ wide R.C. pipe No-5		7.50m			
@ Rs 3464.030 = Rs 25980.00					
					Rs 4482455.200
Add 18 GST = Rs 806842.200					
L.C 1% = Rs 44825.200					
S.F = Rs 42382.200					
					Rs 5276504.200
less 0.51% = Rs 27420.200					
					Rs 5349084.200

Total					
15/5/20					
JC					
Material Statement					
Metal Earth = 1693.20 m ³					
B.S.B = 526.50 m ³					
Metal = 442.26 m ³					
sand = 189.54 m ³					
OBM III = 182.83 m ³					
Metal = 221.23 m ³					
Screening material = 43.88 m ³					

Continuation

