

Kind of work — ~~Planning~~ MMUSY(CSC).

Ammanu Path to Maliyateeri.

**Schedule XLV Form No. 134.**

Agency — Ammanu Engineering and Construction

Executive Engineer  
R.W.D. Works Division

Rejult DIVISION

R.E. Rajauli SUB-DIVISION

**Measurement Book**

N.B. No - 1049

Name of work - ~~Cultivation & Crop Work~~  
 Situation of work - ~~If Anna Patti & Meliyar tank~~  
 Agency by which work is executed - ~~Nirman~~  
 Date of measurement - ~~Carry forward~~  
 No. and date of agreement. ~~RWS Rydt / 82/~~  
 (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.	
Surveyor		11.1-27			
Date of Surveyor		11-12-21			
Date of work:-	17/11/21				
1. Providing seedbed of working bed.					
soil -			-	2 Nos	
2. Providing 2 types of seedbeds -				5 Nos	
3. Cleaving groundy road land					
Fall surface					
2 x 4.10 x 30 x 2.0			= 4920 m <sup>2</sup>		
2 x 20 x 21.0			= 840 m <sup>2</sup>		
V.P.G 17/11/21			total = 0.50 ha		

1. Content of Discharge existing	Revolving quantity		
Surveyor - - - - - of fall surface			
2 x 3.50 x 1.54 x 0.15	-	1.62 m <sup>3</sup>	
2 x 6.10 x 0.825 x 3.0 =		61.38 m <sup>3</sup>	
3. Removal of old surface			
2 x 5.0	-	10m	
4. Content of undivided fall			
surface			
Qty as per graph is			
Surveyor	Average Area	Area	Volume
1 0	7238	-	-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Addt of coast</u>					
1. Peony & frizy of conical mounds					
	$V_{TMBP-1} = 2 \pi \times 3.924^2 \times 6.0 = 784.8 \text{ cu m}$				
2. Peony & frizy of reef-ridge					
	$V_{TMBP-1} = \pi \times 1.768^2 \times 8.3 / 4 = 884.4 \text{ cu m}$				
3. Ext p & ground level					
	$V_{TMBP-1} = 0.5 \times \pi \times 5.133^2 \times 7.6 / 100 = 255.67 \text{ cu m}$				
4. C. Ridge conical mounds					
	$V_{TMBP-2} = 48.8 \text{ cu m}$				
	$C = 18.8 \text{ m}^2$				$\rightarrow 1860.8 \text{ cu m}$
5. Ridge conical mounds					
	$V_{TMBP-2} = 120.8 \text{ cu m}$				
	$C = 14.2817 \text{ m}^2$				$\rightarrow 1717.4 \text{ cu m}$
6. C. Ridge of dredged fall-off slope					
	$V_{TMBP-3} = 1125.4 \text{ m}^3 \times 1.89 = 2136.25 \text{ cu m}$				
7. C. Ridge of dredge - - - - -					
	$V_{TMBP-3} = 364.5 \text{ m}^3 \times 1.708 = 622.58 \text{ cu m}$				
8. Peony & frizy of ironing boulders					
	$V_{TMBP-3} = 274.9 \times 9.265 = 76 \text{ cu m}$				$185.32 \text{ cu m}$
9. Peony & b. of 3 non-sloping embankments					
	$V_{TMBP-3} = 22.15 \text{ m} \times 9.8 = 48 \text{ cu m}$				$295.53 \text{ cu m}$
10. Dredging of early 2+ b. # 401					
	$V_{TMBP-1} = 1.62 \text{ m}^3 \times 4.84 = 7.85 \text{ cu m}$				$7.85 \text{ cu m}$
11. Dredging of conical mounds					
	$V_{TMBP-1} = 6.1.38 \text{ m}^3 \times 2.37 = 14.22 \text{ cu m}$				$14.22 \text{ cu m}$
12. Recovery of all off-shore					
	$V_{TMBP-1} = 10 \text{ m} \times 2.38 = 23.8 \text{ cu m}$				$23.8 \text{ cu m}$

Continuation

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## Continuation