

Mala to Harinfor Via

Schedule XLV-Form No. 134

Garraf Garaf Haraf Mahadallit Tofa

FDR-2020

Basis

DIVISION

Basis

SUB-DIVISION

1236 A

Measurement Book

Rg

This is certify that this MB
Contains 50 Computerised printed
Pages that has been issued to
Asstt. Engineer, RWD(W) Sub-
Division Bargi for the work
Mala to Hariyot via Gawal Gawn
that Chauri Mahadalit Tola.

Apel
21/07/20

Executive Engineer
Rural Works Department
Works Division, Baisi

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

MEASUREMENT BOOK

No. 1236 A

Name of Officer _____

Date of first entry _____

Date of last entry _____

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 —			FDR		
Name of road - Nalg to Hainfor					
via Chawel Chon Hat					
Chouni Mahadali Tolg					
Agency —					
Authority - EE RWD Baisi					
Date of work —					

① P.V Brick bats including					
spreading laying compaction					
with 21 Hammer all					
Complete job as per					
Specification and direction					
of 78/1					
1x4.60	$\times \frac{0.57+0.87}{2}$	$\times 0.30$	$\times 0.994^3$		
1x14.0	$\times \frac{0.60+1.10}{2}$	$\times \frac{0.40+0.60}{2}$	$\times 5.95^1$		
1x12.20	$\times \frac{0.20+1.67}{2}$	$\times \frac{0.90+1.10+0.90}{3}$	$\times 14.55^1$		
1x5.40	$\times \frac{0.55+0.85}{2}$	$\times 0.30$	$\times 1.13^1$		
1x13.0	$\times \frac{0.25+1.68}{2}$	$\times \frac{0.80+1.10+0.90}{3}$	$\times 14.24$		
1x5.90	$\times \frac{0.90+1.25}{2}$	$\times \frac{0.40+0.30}{2}$	$\times 2.22^1$		
1x25.0	$\times \frac{0.23+1.48}{2}$	$\times \frac{0.60+0.90}{2}$	$\times 20.72^1$		
1x12.60	$\times \frac{1.50+2.0}{2}$	$\times \frac{0.40+0.60}{2}$	$\times 11.03^1$		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 11.50 x	$\frac{0.65+1.20}{2}$	x	$\frac{0.50+0.60}{2}$	=	5.85 ³ / ₄
1 x 30.50 x	$\frac{1.83+2.28}{2}$	x	$\frac{0.30+0.60}{2}$	=	28.20 "
1 x 8.20 x	$\frac{0.53+1.11}{2}$	x	$\frac{0.40+0.20}{2}$	=	3.82 '
1 x 28.50 x	$\frac{0.27+1.27}{2}$	x	$\frac{0.60+0.40+0.50}{3}$	=	13.52 '
1 x 11.0 x	$\frac{0.65+1.13}{2}$	x	$\frac{0.55+0.40}{2}$	=	4.65 '
1 x 2.0 x	$\frac{0.50+0.80}{2}$	x	0.30	=	0.39 '
1 x 6.0 x	$\frac{0.60+1.10}{2}$	x	$\frac{0.40+0.60}{2}$	=	2.55 "
1 x 10.30 x	$\frac{0.40+0.25}{2}$	x	$\frac{0.40+0.50}{2}$	=	2.02 '
1 x 10.30 x	$\frac{0.40+0.85}{2}$	x	$\frac{0.60+0.30}{2}$	=	2.90 '
1 x 18.60 x	$\frac{0.27+1.27}{2}$	x	$\frac{0.20+0.80}{2}$	=	9.49 '
1 x 10.0 x	$\frac{1.25+2.35}{2}$	x	$\frac{0.20+0.50}{2}$	=	12.30 '
1 x 6.10 x	$\frac{0.65+1.22}{2}$	x	$\frac{0.60+0.40+0.20}{3}$	=	3.39 '

1 x 7.0 x	$\frac{1.47+2.10}{2}$	x	$\frac{0.60+0.80+0.50}{3}$	=	7.91 '
1 x 12.0 x	$\frac{1.53+2.58}{2}$	x	$\frac{0.30+0.90+1.80+1.20}{4}$	=	25.89 "
1 x 1.0 x	$\frac{1.0+1.60}{2}$	x	0.60	=	0.28'
1 x 1.0 x	$\frac{2.0+2.45}{2}$	x	$\frac{0.60+0.30}{2}$	=	1.0 '
1 x 2.0 x	$\frac{0.80+1.28}{2}$	x	$\frac{0.35+0.60}{2}$	=	0.99 '
1 x 31.0 x	$\frac{1.13+1.68}{2}$	x	$\frac{0.60+0.50+0.20+0.40}{4}$	=	23.96'
1 x 30.0 x	$\frac{0.83+1.33}{2}$	x	0.80	=	25.92'
1 x 16.0 x	$\frac{0.45+0.95}{2}$	x	$\frac{0.40+0.60}{2}$	=	5.60 '
1 x 2.50 x	$\frac{0.55+1.05}{2}$	x	$\frac{0.60+0.40}{2}$	=	1.0 '
1 x 28.0 x	$\frac{1.08+2.68}{2}$	x	$\frac{1.40+1.80+1.60}{3}$	=	84.22 '
1 x 1.0 x	$\frac{1.0+1.40}{2}$	x	0.40	=	0.96'
1 x 15.80 x	$\frac{0.55+1.15}{2}$	x	$\frac{0.40+0.60+0.80}{3}$	=	8.06'
1 x 18.40 x	$\frac{4.20+7.33}{2}$	x	$\frac{1.80+1.60+1.20+1.60}{4}$	=	165.24 '
1 x 5.0 x	$\frac{1.25+1.25}{2}$	x	$\frac{0.40+0.60}{2}$	=	3.25 '

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x14.40 x $\frac{1.75+1.85}{2}$		x $\frac{0.40+0.80}{2}$		L	13.39 4 ³
1x5.40 x $\frac{0.80+1.35}{2}$		x $\frac{0.40+0.90}{2}$		L	3.60 1
1x1.0 x $\frac{1.20+1.80}{2}$		x 0.50		L	0.73 1
1x7.0 x $\frac{0.83+1.53}{2}$		x $\frac{0.90+0.50}{2}$		L	5.28 1
1x6.20 x $\frac{1.25+2.12}{2}$		x $\frac{0.80+1.20+0.60}{3}$		L	9.28 1
1x3.30 x $\frac{0.95+1.88}{2}$		x $\frac{0.40+1.50+0.90}{3}$		L	4.36 1
1x5.0 x $\frac{0.93+1.80}{2}$		x $\frac{0.60+1.20+0.80}{3}$		L	5.92 1
1x5.0 x $\frac{0.90+1.43}{2}$		x $\frac{0.65+0.40}{2}$		L	3.06 1
1x3.0 x $\frac{0.90+1.35}{2}$		x $\frac{0.80+0.50}{2}$		L	2.39 4
1x3.0 x $\frac{0.87+1.34}{2}$		x $\frac{0.55+0.40}{2}$		L	1.57 1
1x5.30 x $\frac{1.03+1.56}{2}$		x $\frac{0.25+0.30}{2}$		L	3.60 1
1x7.40 x $\frac{1.25+1.85}{2}$		x $\frac{0.80+0.40}{2}$		L	6.88 1
1x15.20 x $\frac{1.0+2.18}{2}$		x $\frac{0.50+0.90+1.90+1.40}{4}$		L	28.40 4
1x4.10 x $\frac{1.55+2.25}{2}$		x $\frac{0.50+0.90}{2}$		L	6.17 1

1x4.10 x $\frac{1.55+2.15}{2}$		x $\frac{0.80+0.50}{2}$		L	4.55 1
1x4.0 x $\frac{1.30+2.25}{2}$		x $\frac{0.90+0.60}{2}$		L	5.63 1
1x2.0 x $\frac{1.30+2.20}{2}$		x $\frac{0.80+0.60}{2}$		L	2.59 1
1x9.0 x $\frac{1.0+2.40}{2}$		x $\frac{1.90+1.50+0.80}{3}$		L	21.42 4
1x9.0 x $\frac{0.80+1.63}{2}$		x $\frac{1.40+0.60+0.50}{3}$		L	9.11 1
1x6.0 x $\frac{1.0+1.45}{2}$		x $\frac{0.50+0.40}{2}$		L	3.31 1
1x8.40 x $\frac{0.85+1.55}{2}$		x $\frac{0.60+0.80}{2}$		L	7.06 1
1x6.0 x $\frac{2.30+3.03}{2}$		x $\frac{0.60+0.45}{2}$		L	8.21 1
1x3.20 x $\frac{1.10+1.83}{2}$		x $\frac{0.60+1.10+0.50}{3}$		L	3.44 1
1x4.20 x $\frac{1.15+2.23}{2}$		x $\frac{0.85+0.60}{2}$		L	6.35 1
1x8.20 x $\frac{0.65+1.55}{2}$		x $\frac{0.90+1.30+0.50}{3}$		L	8.12 1
1x10.40 x $\frac{0.20+2.0}{2}$		x $\frac{1.40+1.90+0.60}{3}$		L	18.25 1
1x19.80 x $\frac{0.80+1.58}{2}$		x $\frac{1.0+0.90+0.20+0.40}{4}$		L	18.26 1
1x4.0 x $\frac{3.0+3.25}{2}$		x $\frac{0.60+0.90}{2}$		L	10.13 1
1x4.30 x $\frac{1.0+1.60}{2}$		x 0.60		L	3.35 1

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 4.20 x	$\frac{1.0+1.60}{2}$	x 0.60			
1 x 2.80 x	$\frac{1.20+2.23}{2}$	x $\frac{1.20+0.90}{2}$			5.02 "
1 x 11.20 x	$\frac{0.45+1.18}{2}$	x $\frac{0.50+0.90+0.80}{3}$			6.69 "
1 x 5.60 x	$\frac{1.20+1.87}{2}$	x $\frac{0.60+0.80+0.60}{3}$			5.73 "
1 x 8.80 x	$\frac{0.55+1.22}{2}$	x $\frac{0.60+0.80+0.60}{3}$			5.19 "
1 x 4.30 x	$\frac{2.12+2.87}{2}$	x $\frac{0.40+0.90+0.80}{3}$			7.59 "
1 x 1.60 x	$\frac{2.0+3.30}{2}$	x 1.50			6.60 "
1 x 5.20 x	$\frac{2.50+3.05}{2}$	x $\frac{0.40+0.20}{2}$			8.20 "
1 x 11.40 x	$\frac{0.65+1.15}{2}$	x $\frac{0.60+0.40}{2}$			5.13 "
1 x 4.30 x	$\frac{1.20+2.23}{2}$	x $\frac{0.90+1.30+0.90}{3}$			9.84 "
1 x 13.10 x	$\frac{0.83+1.60}{2}$	x $\frac{0.60+0.60+1.10}{3}$			12.20 "
1 x 16.20 x	$\frac{0.20+1.57}{2}$	x $\frac{0.80+1.10+0.20}{3}$			15.94 "

1 x 6.40 x	$\frac{0.90+1.80}{2}$	x $\frac{0.80+1.30+0.60}{3}$			7.28 "
1 x 4.20 x	$\frac{0.35+0.90}{2}$	x $\frac{0.50+0.60}{2}$			1.62 "
1 x 14.80 x	$\frac{0.63+1.28}{2}$	x $\frac{0.40+0.60+0.20+0.90}{4}$			9.19 "
1 x 8.0 x	$\frac{4.0+6.48}{2}$	x $\frac{3.50+2.50+2.50+1.90+3.20+1.30}{6}$			104.10 "
1 x 4.90 x	$\frac{1.0+2.15}{2}$	x $\frac{1.50+0.80}{2}$			8.88 "
1 x 1.50 x	$\frac{1.0+1.20}{2}$	x 0.20			1.42 "
1 x 10.20 x	$\frac{1.20+1.95}{2}$	x $\frac{0.60+0.90}{2}$			12.64 "
1 x 8.50 x	$\frac{0.80+1.35}{2}$	x $\frac{0.60+0.50}{2}$			5.03 "
1 x 3.20 x	$\frac{1.15+2.35}{2}$	x $\frac{0.90+0.80}{2}$			6.05 "
1 x 3.0 x	$\frac{1.0+1.20}{2}$	x 0.20			2.24 "
1 x 3.30 x	$\frac{1.50+2.20}{2}$	x $\frac{0.80+0.60}{2}$			4.27 "
1 x 2.90 x	$\frac{2.0+3.90}{2}$	x $\frac{2.0+1.20+2.30+1.60}{4}$			16.25 "
1 x 26.50 x	$\frac{0.83+2.06}{2}$	x $\frac{1.50+0.90+1.20+0.80}{4}$			46.91 "
1 x 13.30 x	$\frac{0.90+2.18}{2}$	x $\frac{0.90+1.50+1.80+1.40+0.80}{5}$			26.22 "

Continuation 5

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 8.40 x	$\frac{1.13+2.36}{2}$	$\frac{0.60+1.60+1.80+0.90}{4}$			17.96 4
1 x 1.0 x	$\frac{2.0+2.85}{2}$	$\frac{0.90+0.80}{2}$			2.03 1
1 x 2.10 x	$\frac{0.80+1.63}{2}$	$\frac{0.80+0.90+0.80}{3}$			2.13 1
1 x 6.50 x	$\frac{0.80+1.93}{2}$	$\frac{0.90+1.30+1.20+0.90}{4}$			9.98 1
1 x 5.80 x	$\frac{0.80+1.63}{2}$	$\frac{0.80+1.10+0.60}{3}$			5.87 1
1 x 1.30 x	$\frac{0.90+1.53}{2}$	$\frac{0.90+0.60+0.40}{3}$			1.15 1
1 x 7.0 x	$\frac{0.50+1.0}{2}$	$\frac{0.50}{1}$			2.63 1
1 x 13.20 x	$\frac{1.15+1.88}{2}$	$\frac{0.40+0.60+0.90}{3}$			13.58 1
1 x 13.60 x	$\frac{0.35+1.60}{2}$	$\frac{0.80+0.90}{2}$			13.58 1
1 x 6.50 x	$\frac{0.95+2.45}{2}$	$\frac{1.0+1.80+2.30+0.90}{4}$			216.58 1
1 x 3.40 x	$\frac{1.0+1.80}{2}$	$\frac{0.90+0.20}{2}$			3.81 1
1 x 2.10 x	$\frac{0.50+1.20}{2}$	$\frac{0.80+0.60}{2}$			1.25 1
1 x 1.0 x	$\frac{0.50+1.05}{2}$	$\frac{0.20+0.40}{2}$			0.43 1

1 x 12.80 x	$\frac{0.22+1.25}{2}$	$\frac{0.60+0.80+0.20+1.30+1.50}{5}$			15.81 1
1 x 3.0 x	$\frac{0.55+1.58}{2}$	$\frac{1.20+1.0+0.90}{3}$			3.30 1
1 x 11.0 x	$\frac{0.50+1.0}{2}$	$\frac{0.40+0.60}{2}$			4.13 1
1 x 9.40 x	$\frac{0.50+1.68}{2}$	$\frac{0.20+1.30+1.40+1.80}{4}$			12.04 1
1 x 4.40 x	$\frac{3.10+6.33}{2}$	$\frac{1.60+1.90+1.40}{3}$			34.03 1
1 x 3.50 x	$\frac{1.25+2.20}{2}$	$\frac{0.60+1.30}{2}$			5.74 1
1 x 40.0 x 3.20 x	$\frac{0.80+1.60}{2}$	$\frac{0.20+0.90}{2}$			89.60 1
1 x 2.30 x	$\frac{0.80+1.60}{2}$	$\frac{0.20+0.90}{2}$			2.40 1
1 x 2.0 x	$\frac{1.0+2.0}{2}$	$\frac{1.0}{1}$			3.0 1
1 x 9.0 x	$\frac{0.40+1.10}{2}$	$\frac{0.50+0.20+0.90}{3}$			4.73 1
1 x 7.0 x	$\frac{1.50+2.0}{2}$	$\frac{0.50}{1}$			6.13 1
1 x 2.90 x	$\frac{1.0+1.95}{2}$	$\frac{1.10+0.80}{2}$			4.06 1
1 x 9.20 x	$\frac{0.55+1.52}{2}$	$\frac{0.20+0.90+1.30}{3}$			9.20 1
1 x 1.0 x	$\frac{1.0+1.50}{2}$	$\frac{0.50}{1}$			0.63 1
1 x 2.40 x	$\frac{1.30+2.30}{2}$	$\frac{0.60+1.50+0.90}{3}$			13.32 1
1 x 4.20 x	$\frac{0.97+1.97}{2}$	$\frac{0.80+1.30+0.90}{3}$			6.91 1

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 0.80 \times \frac{0.60+1.20}{2} \times 0.60 =$					0.86 "
$1 \times 5.20 \times \frac{3.0+4.37}{2} \times \frac{1.50+1.80+0.80}{3} =$					28.21 "
$1 \times 8.0 \times \frac{0.90+1.60}{2} \times 0.20 =$					7.0 "
$1 \times 1.50 \times \frac{0.50+1.65}{2} \times \frac{1.50+0.80}{2} =$					1.85 "
$1 \times 3.80 \times \frac{0.25+2.22}{2} \times \frac{0.80+1.20+1.90}{3} =$					8.28 "
$1 \times 12.0 \times \frac{1.20+2.15}{2} \times \frac{1.30+0.60+1.10+0.80}{4} =$					19.10 "
$1 \times 4.50 \times \frac{0.50+1.20}{2} \times 0.20 =$					2.68 "
$2 \times 1.0 \times \frac{0.50+1.40}{2} \times 0.90 =$					1.21 "
$1 \times 3.30 \times \frac{1.10+1.97}{2} \times \frac{0.80+1.10+0.20}{3} =$					4.39 "
$1 \times 5.0 \times \frac{0.60+2.20}{2} \times \frac{0.90+2.10+1.80}{3} =$					11.20 "
$1 \times 3.50 \times \frac{0.60+2.48}{2} \times \frac{1.50+0.90+1.30}{3} =$					6.65 "
$1 \times 2.50 \times \frac{1.0+2.53}{2} \times \frac{0.80+1.10+1.40}{3} =$					5.21 "
$1 \times 5.30 \times \frac{1.0+1.50}{2} \times 0.50 =$					3.31 "
$1 \times 4.30 \times \frac{1.0+2.47}{2} \times \frac{1.20+1.80+0.90}{3} =$					10.94 "

$1 \times 5.0 \times \frac{1.0+2.37}{2} \times \frac{1.50+1.80+0.80}{3} =$					11.57 "
$1 \times 6.20 \times \frac{1.10+2.13}{2} \times \frac{0.90+0.20+1.90+0.60}{4} =$					11.09 "
$1 \times 3.80 \times \frac{1.0+1.30}{2} \times 0.30 =$					1.31 "
$1 \times 1.50 \times \frac{0.90+1.65}{2} \times \frac{0.80+0.20}{2} =$					1.43 "
$1 \times 2.0 \times \frac{1.0+2.63}{2} \times \frac{1.90+2.10+0.90}{3} =$					5.93 "
$1 \times 1.20 \times \frac{0.90+0.60+0.25}{3} \times 0.25 =$					
$1 \times 1.20 \times \frac{0.25+1.55}{2} \times \frac{0.20+0.90}{2} =$					1.10 "
$1 \times 1.80 \times \frac{0.25+1.40}{2} \times \frac{0.50+0.20}{2} =$					1.26 "
$1 \times 2.20 \times \frac{0.30+0.80}{2} \times 0.50 =$					0.61 "
$1 \times 3.0 \times \frac{0.50+1.60}{2} \times \frac{1.50+0.20}{2} =$					3.47 "
$1 \times 9.30 \times \frac{1.0+1.40}{2} \times 0.40 =$					4.46 "
$1 \times 5.40 \times \frac{1.0+1.25}{2} \times \frac{0.60+0.90}{2} =$					5.52 "
$1 \times 3.50 \times \frac{0.80+1.20}{2} \times \frac{0.20+1.10}{2} =$					3.94 "
$1 \times 1.50 \times \frac{0.50+1.40}{2} \times 0.90 =$					1.28 "
$1 \times 5.40 \times \frac{1.50+2.10}{2} \times \frac{0.40+0.80}{2} =$					5.83 "
$1 \times 29.30 \times 4.0 \times \frac{0.90+0.60+0.30}{3} =$					78.13 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1729.0 x $\frac{0.95+2.65}{2}$ x $\frac{1.20+2.20+2.0+0.90}{4}$					88.24 m ²
173.0 x $\frac{1.20+1.20}{2}$ x 0.50					2.18 m
1784.0 x $\frac{3.53+4.53}{2}$ x $\frac{0.80+1.20}{2}$					338.52 m
1730.0 x $\frac{3.53+9.23}{2}$ x $\frac{2.80+3.40+3.10}{3}$					616.59 m
178.20 x $\frac{0.50+1.10}{2}$ x $\frac{0.50+0.20}{2}$					4.22 m
179.60 x $\frac{0.85+1.65}{2}$ x $\frac{0.80+1.10+0.50}{3}$					9.60 m
172.80 x $\frac{1.50+2.0}{2}$ x $\frac{0.60+0.40}{2}$					2.45 m
1715.0 x $\frac{3.30+10.40}{2}$ x $\frac{3.80+3.15+3.20}{3}$					364.26 m
175.40 x $\frac{3.20+4.15}{2}$ x $\frac{0.40+0.50}{2}$					9.54 m
175.50 x 3.30 x $\frac{0.60+0.40}{2}$					9.08 m
					4312.96 m ²
And 26/11/20 EC					
For 26/11/20 AE					
Crud 26/11/20 Jm.					

ABSTRACT OF COST

① PIV Bunk bats including

Spreading, laying Compaction

With a Hammer and Certificate

as per specification duly

Qty Under Para No (8) - 4312.96 m²① R 1722.86/m² — R 7430626.20

Add

List 12.1. —

R. 7430626.20

Lab. Fee 1.4. —

R. 891625.4

S. Fee. —

R. 243061.4

R. 550200.00

2 R. 8948807.20

~~For~~
21/4/21
AE~~Crud~~
21/4/21
Jm.

Continuation

3
05.04.21

EC