



ग्रामीण कार्य विभाग
Rural Works Department, Govt of Bihar

MUKHYA MANTRI GRAM SAMPARK YOJNA QUALITY CONTROL REGISTER PART-1

Record of test

State: BIHAR

District: NALANDA

Programme Implementation: R.W.D. WORKS DIV - HARNAUT

Package Number: —

Name of work: Badarwali R.W.D Path to Gram Bahadurpur

Register From km. 0.00 to 0.500

Total Volume of this Register: I

This Volume Number: I

Prescribed By:

Bihar Rural Roads development Agency

(An Agency of the Ministry of Rural Development)

Government of Bihar.

Quality Control Register Part 1

Record of Tests

Fly Sheet

State: BIHAR
District: NALANDA
Block: CHANDI
Package Number:

Name of Road	:	
Length (km)	:	
Contract Amount (Rs.)	:	
Construction Contractor (Name & Address)	:	
Date of Commencement of Work	:	
Stipulated Date of Completion	:	
(a) As per Agreement	:	
(b) As Revised & Agreed	:	
Project Implementation Unit (Address)	:	R.W.D. Works Division - Jharkhand.
Laboratory Incharge (Name)	:	<u>A. K. Singh</u>
This Register	:	From km. <u>0.00</u> to km. <u>0.500</u>

M. S. Singh
19-1-2020
कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कर्म प्रमंडल हजारी

Quality Control Register Part 1
Record of Tests :Section-1 Earthwork
Abstract of tests Conducted

Test No.	Name of Test	Test No.	Date of Test	Result, Qualified (Yes/No)	If No, Page No and Date of NCR	Page No & Date on which Test Qualified
1	2	3	4	5	6	7
EW-1	Soil gradation	Test 1	10/2/20	Y		
		Test 2	11	Y		
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-2	Atterberg limits	Test 1	11/2/20	Y		
		Test 2	11	Y		
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-3	Natural moisture content	Test Table				
EW-4	Proctor density	Test 1	13/2/20	Y		
		Test 2	11	Y		
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-5	CBR	Test 1				
		Test 2				
EW-(A)	Swelling Index	Test 1				
EW-6	Moisture Content at the time of Compaction	Test Table				
EW-7	Thickness	Test Table				
EW-8	Field density	Test 1				

Soil field dry density test entered by cone cutter method.
Page No 68 (A) In this register.

Sieve Analysis of Soil (IS:2720 (Part 4) -1985)

Test 1

Road / Section Details

Date of Testing : 10/2/2020

Sample No. 1/ath-200m

Weight of soil sample taken: 1000 (gm)

Dry Sieving

I. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing	Prescribed Limits (Percentage of Wt. Passing/ Retained)
40 mm	0	0	0	100	
25 mm	0	0	0	100	
20 mm	0	0	0	100	
10 mm	0	0	0	100	
4.75 mm	0	0	0	100	

Wet Sieving

Weight of Soil Sample taken: 500 (gm)

I. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained (%)	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing (%)
2.36 mm	11.50	2.30	2.30	97.70
1.18 mm	17.50	3.50	5.80	94.20
600 μ	29.00	5.80	11.60	88.40
425 μ	43.50	8.70	20.30	79.70
75 μ	44.00	8.80	29.10	70.90

Summary of Results

Clay / silt (-75 micron) percent	70.90%
Sand (-4.75 mm + 75 micron) percent	29.10%
Gravel (-40 mm + 4.75 mm) percent	NIL

Whether Confirms to the Prescribed Limits (Yes/No) Yes

If Results don't conform to the prescribed Limits, non conformance Report will be issued by the PIU. The reference of the page No. of this Register on which Non Conformance Reports copy preserved.

Page No. Date of issue.....

Checked by:

[Signature]
10/2/2020
J.E

Tested by:

[Signature]

Sieve Analysis of Soil (IS:2720 (Part 4) -1985)

Test 2

Road / Section Details

Date of Testing: 10/2/2020

Sample No. 2/alt - 400m

Weight of soil sample taken: 1000 (gm)

Dry Sieving

I. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing	Prescribed Limits (Percentage of Wt. Passing/ Retained)
40 mm	0	0	0	100	
25 mm	0	0	0	100	
20 mm	0	0	0	100	
10 mm	0	0	0	100	
4.75 mm	0	0	0	100	

Wet Sieving

Weight of Soil Sample taken: 500 (gm)

I. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained (%)	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing (%)
2.36 mm	9.00	1.80	1.80	98.20
1.18 mm	17.50	3.50	5.30	94.70
600 μ	31.50	6.20	11.50	88.50
425 μ	38.50	7.70	19.20	80.80
75 μ	46.50	9.30	28.50	71.50

Summary of Results

Clay / silt (-75 micron) percent	71.50%
Sand (-4.75 mm + 75 micron) percent	28.50%
Gravel (-40 mm + 4.75 mm) percent	NIL

Whether Confirms to the Prescribed Limits (Yes/No) Yes

If Results don't conform to the prescribed Limits, non conformance Report will be issued by the PIU. The reference of the page No. of this Register on which Non Conformance Reports copy preserved.

Page No. Date of issue.

Checked by:

Tested by:

m No. EW-1