Format for information to SQM for Inspection of PMGSY Work PART I— Work Information (To be filled-up by PIU)

	777 I	. [01	-4-3	
GENERAL:	Work	is Ongoing	Compl	etea	
1.1. Date of Inspe	ection: DD29 MM	112 YY18		A COL	
1.2. Name of Sta	te Quality Monitor: PI	U SHRI .	SANAY	KUMAR	RAY
1.3. District:	AMPABAD Bloc				
1.4. Name of Ros	ad: From To 2		1	O MUNIRA	MTOLA
= Total 2: 3.88Km	Em Flexible Pavement, at (As cleared by GOI):	775 Km. CC/oth	more again		Lakh
1.7. Estimated Cos	it (As cleared by GOI):				Juni
1.8. Technical Sa	anction Cost:	Rs. S	4.52	Lakh	
1.9. The Work is	a Case of: New	connectivity	Up grada	ation	
1.10. Terrain	Plain Rolling	Hilly			
1.11. Date of Start	of the Work:	10 0	3 18		
1.12. Stipulated Da	te of Completion:	09 0	3 19	* 1910	
1.13. Actual Date	of Completion (if work	completed):			In progre
C .	PROGRESS: (In cas		vorks only) Construction	
Item	Completed percentage of Item	Dates for completion	Start Date	Completion Date	Delay in Months
Earth Work		Due	1 H 1 W 1	· ·	
	80%	Actual			
CD Works		Due			196
		Actual	T - 235		
Sub base i/c		Due			
Shoulders	100 %	Actual		1	
Base Course (Non		Due			

Actual

Actual

Actual Due

Actual

Due

Due

Bitu.)

Base /Wearing

Course (Bitu.)

CC Pavement

Signage etc

3. QUALITY CONTROL:

3.1. Location of Field Laboratory:

at c4.0.250.Km

3.2. Quality Control Register Part-I is maintained by:

contractor

3.3. Quality Control Register Part-II is maintained by:

PIU

4. INSPECTIONS BY NQM, SQM or SENIOR OFFICERS AND ACTION TAKEN:

Inspection by NQMs, SQMs and senior (i.e. SE or CE) departmental officers and action taken statement:

Date of Visit	Inspected By	Observations	Action Taken by PIU with Date
19.8.18	S.q.m	SHRY. BITAY KR LAZ	Satisfactory
26.12.18	8.0. m	SHRI-RAMEYH KR-SING	- Satisfactory
and provide			
·	Trans.	TO SEE CONTRACTOR SERVICES	
80 (to be)		nact Wichtling day to the company of	Record of the State of the second of the State of the Sta
	nes contra co ginerale Signaria	du compression services Succession services Conservices	e jament sett gelent in de Sign De las ingeles (15)
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Name and Signature of the Head of PIU, Date:

Report of State Quality Monitor (SQM) PART II— Observations of SOM for Ongoing/Completed Work

(To be filled-up by SQM, use additional sheets, if required.)

Stage of Work: I II III

1. SETTING OUT AND WORKING DRAWING: For all stages of work

#	Whether Bench marks @ 4 per km established	Exact Locations of the Bench Marks		Whether properly prepared Working Drawing for the work under progress is available (Y/N)
	(X/N)	250.00	Boards (Y/N)	

Grading: Grade: S SRI U Suggestions for improvement:	If this item is gra		
	's'	and the second seco	
les and the second seco	A property of the second		

2. SITE CLEARANCE AND GRUBBING: For Stage I of Work

#	Grubbing being done as per DPR and Material obtained is	available from scarifying existing work or clearing operations	Name the reusable material obtainable from clearance or scarification and indicate approximate quantity and its re-use by the PIU.
. A	~(es		

	S SRI U	If this item is graded SRI/U, write clear reasons and
suggestions for	improvement:	
A	· •	
La company of the	and the same of the	and the second s

3. QUALITY ARRANGEMENTS AND ATTENTION TO QUALITY - For all stages of work

Observations about Field Laboratory:

#	Whether Field laboratory Established (Y/N)	List the equipments Available.	Whether adequate Equipments as per requirement of work are Available and are being used.
	7	7	7

Observations about Mandatory Tests - Detail out the quantities of various items of works and list the tests required. (Refer to abstract of QC Register Part-I)

#	Item of Work Executed	Quantity	Name of Test	No. o	of Tests ed	No. of Tests Conducted by PIU/Contractor
			187			
		4.500				
_			-			An E Company
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		1-4		en en en en en en		The same and the property
		Service of		1170 mm	You 2185-1-17 200	1. No. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
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1	,					
#	Based on exe quantities whether mandatory	all I mai	ther QC Register intained as per isions.	Part	II mainta	QC Register Part ined and test onitored as per
n i	conducted. Yes Partly N		Yes Partly 1	No	provision	ns.
	VY		7	1 V V V V V V V V V V V V V V V V V V V	~	4

Grading: Grade: S SRI U If this item is graded SRI/U, write clear reasons and suggestions for improvement:

4. GEOMETRICS: The SQM should take at-least two measurements in 1 Km length and if it is found that the roadway and carriageway is inadequate SQM may take more observations:

Observations -Road way width, Carriage way and Camber.

Ref. RD	Roadway Width (m)	Carriage way Width (m)	Camber in %	Ref. RD	Roadway Width (m)	Carriage way Width (m)	Camber in %
200	6.00	3-75	3-2%				٠.
700	6.00	3.75	3.5%				70-
							* *

Observations - Super-elevation and Extra Widening at curves.

Ref. RD	Super Elevation	Extra Widening provided (Y/N)	Ref. RD	Super Elevation	Extra Widening provided (Y/N)
600	5.9	7		2	
is the property					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1.	

Grade: \8 U	U If this item is graded U, write clear reasons and suggestions for				
improvement:	the state of the second of				
the state of the s	S				
	그리는 그들은 전화장에 가는 것은 나는 사람이 없는 것이다.				

5. OBSERVATIONS REGARDING THE QUALITY OF ITEMS OF WORKS. Earthwork:

Observations -Quality of Material for Embankment/ Sub-grade:

<i>#</i>	Location (RD)	On Visual Classification identify the Group Symbol and write	Quality of material is acceptable. (Y/N)	
650		Sandy	~~	
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						and the second	of the section
s	ervation –V	Vorkmansl	hip for	Embankn	nent and Sub-gra	ade Constructio	n:
4	Location	MDD KN	J/m ³	Field	De De	gree of Compact	ion
	(RD)	(As per	er .	Moisture Content	Field Density KN/m ³	Dry Density KN/m ³	Compaction adequate.
1	250	1-68	3	11.2	Set Temperature	Charles Santa	Anna Comment
	and the second		e d	Kargeria att.	ly i ki swer. Ti	the second of the second	140
			10%		g was black to g	reference grave a roge.	
		la sea and a sea	5 5 1 1 W	45 136 15	31 × 10 × 1	The second second	Constant of the second
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				129			
	rade: 8	U If thi	is item	is graded U	, write clear reas	ons and suggesti	ons for
	rade: 8		is item	is graded U	J, write clear reas	ons and suggesti	ons for
m				`s'	J, write clear reas	ons and suggesti	ons for
m	nprovement:		s and p	orofile:	lopes	Whether profi	ile is
im	nprovement:	Side slopes	s and p	S'	lopes		ile is
m	nprovement:	Side slopes	who Satis	orofile:	lopes N)	Whether profi	ile is

Observations - Earth work in Hilly/Rolling terrain or high Embankments:

#	Location (RD)	Cut Slopes & Profile, whether appears to be stable. (Y/N)	 Formation is properly dressed and traffic worthy. (Y/N)
	E	AN .	
7			

Observations - Longitudinal Gradient in case of road in hilly/rolling terrain:

Ref. Between RD& RD	Longitudinal Gradient	S/U	Ref. Between RD& RD	Longitudinal Gradient	S/U
			0.00	and the second	
	100			The second secon	9 72
			N. S. Carlotte and S.	. Tourse was seen	S. 1

Grade: S U improvement:	If this item is graded U, wr	ite clear reasons and suggestions for	r
	AM		

6. Sub-Base:

Observations - Quality of Material and Workmanship:

#	Location (RD)	Confirms to Grading. (Y/N)	Suitable from plasticity angle. (Y/N)	Whether compaction is adequate. (Y/N)	Observed Thickness of Layer (in mm)	Prescribed Thickness provided (Y/N)
	250	Y	7	7	200	Υ
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		1 Anna	L. B			The second of the
4.,4						

Observations - Earth work in Hilly/Rolling terrain or high Embankments:

#	Location (RD)	Cut Slopes & Profile, whether appears to be stable. (Y/N)		Formation is properly dressed and traffic worthy. (Y/N)
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Observations - Longitudinal Gradient in case of road in hilly/rolling terrain:

Ref. Between RD& RD	Longitudinal Gradient	S/U	Ref. Between RD& RD	Lóngitudinal Gradient	S/U
111-1211	- Car	1.0		was a	** 1
	162,77. 1. 1. 1. (8)	pri			
				- 197	

Grade: S U improvement:	If this item is graded U, write clear reasons and suggestions for
	- NA -
Tables St.	

Observations - Quality of Material and Workmanship:

#	Location (RD)	Confirms to Grading. (Y/N)	Suitable from plasticity angle. (Y/N)	Whether compaction is adequate. (Y/N)	Observed Thickness of Layer (in mm)	Prescribed Thickness provided (Y/N)
1	250	7	<u>1-122</u>	7	75	7
pus see .	-				Mary Comment	+ t
					1 (A)	Y - 5
11				A transfer of the strength		•

8. Bituminous Course: Premix Carpet/Surface Dressing/ BM/ MPM etc including Seal Coat: Observations - Quality of Material and Workmanship of BT Layer (in case of ongoing works):

Observations about level of cleanliness of WBM surface prior to application of bituminous layer. (if work is ongoing observe the surface. If BT layer laid, assess by carefully removing the BT layer.):

Observations about Quality of Prime Coat and Tack Coat with respect to quality of material and workmanship - Visual Observation - if work is ongoing:

#	Location (RD)	Whether Course Aggregate confirms to grading. (Y/N)	Whether the binder is of approved grade. (Y/N)	Write Mixing Temperature and whether it is in permissible limits. (Y/N)	Write Laying Temperature and whether it is in permissible limits. (Y/N)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	man and the			
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Obs	ervations - V	Vorkmanship	of BT layer PM	IC/BM/N	IPM (in cas	se of completed wo
#	Location	T	hickness			surface evenness is
	(RD)	Thickness in	Whether thic		Within acceptable limits. (Y/N	
*	1	mm	is adequate.	(Y/N)	- V	
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Gra	de: S U	If this item	is graded U, wri	te clear r	easons and s	suggestions for
	de: S U	If this item	is graded U, wri	te clear r	easons and s	suggestions for
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9. O	bservations -	Quality of Sh	NA oulders:			
impr	bservations -	Quality of Sh	noulders:	Wheth	er quality	Whether Shoulde
9. O	bservations -	Quality of Sh Thickness of layer in	oulders: Whether quality of the	Wheth	er quality	Whether Shoulde being constructe
9. O	bservations -	Quality of Sh	noulders:	Wheth of cor workm	er quality	Whether Shoulde

10. Cross Drainage Works: Observations - Quality of CDs:

#	RD at which CD is located	Type of CD	Whether quality of the Material is acceptable. (Y/N)	Whether quality of workmanship is Acceptable. (Y/N)
		1		
1			- 0	*.

Grade: S SRI U If this item is graded SRI/U, write clear reasons and suggestions for improvement:

11. Side Drains and Catch water Drains: Observations:

#	Raference	Type of CD	Whether quality of the	Whether quality of workmanship is
	RDs where side drain Constructed.	Which Observation made.	Of the Side drains/Catchwater drains is Acceptable.(Y/N)	Are intregrated to cross drains. (Y/N)
- 1	a salah kacamatan	H		er som stamme i delle en de
	es the objective	- 14 19 1 1 4 a		
	es the same		C	

12. CC/ Semi-Rigid (SR) Pavements and Associated Pucca Side Drains:

#	Reference of	RD at	Thi	ckness	General	General
	RDs, CC/SR Pavements Provided.	which observation on made.	Thickness in mm	Acceptable (Y/N)	quality of material is Acceptable. (Y/N)	quality of workmanship acceptable(Y/ N)
		V	100	1.7	7	7
	625	700				
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rade: S U	If this item is graded U, write clear rea	sons and suggestions for
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Observations - Quality Road Furniture and Markings:

- 13.1.1. Logo Boards Fixed:
- 13.1.2. 200m. Stones fixed:
- 13.1.3. 1 Km. Stone fixed:
- 13.1.4. Guard Stones fixed on Curves:
- 13.1.5. Mandatory and Cautionary Signage

	1	,	
1	Yes	No	
	Yes	No	
1	Yes	No	
	Yes	Wo	
	Yes	No	

Grade: U If this item is graded U, write clear reasons and suggestions for improvement:

work in progress

- 14. General Observations of SQM, (including the observations made during the interaction with PIU staff and Contractor's/ Consultant's Engineers):
 - 14.1. Observations about deficiency in project preparation (Give detailed observations about deficiencies in general and items which have been left but are required as per site conditions):

14.2. Whether the work has been completed/is i	n progress as per work programme or
the delay has occurred. If delay has occurred,	whether the liquidated damages have
been withhold or recovered:	

14.3. Whether the work has been completed within the sanctioned cost, if not, what is the action taken by the PIU (in case of complete works):

14.4. Observations about the action taken by the PIU on the observations of inspecting officers including SQMs and NQMs. (Clearly offer comments about the action taken on the observations of Departmental Officers, State Quality Monitors and National Quality Monitors).

14.5. Comments about difference in observations made by NQMs/SQMs in earlier inspections (the NQM shall study the earlier inspection reports of NQMs / SQMs, if any and offer his clear comments about the differences in observations, if any).

15. Other observations, if any:

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16. Quality Grading of items and sub-items of work: The grading of every sub-item and item of work is given below.

#	Sub Item for Observation	Stage of Work	Awardable Grades	Awarded Grades
1	2 .	3	4	5
	Item 1 - Set	ting Out and Working Drawi	ing	
a	Bench Mark and Centre Line	All Stages	S/SRI/U	. 2
b	Availability of Working Drawing	All Stages	S/SRI/U	1
		Item Grade	S/SRI/U	S
	Item 2 –	Site Clearance and Grubbing		
a	Site Clearance and Grubbing	Stage-I	S/SRI/U	کہ
b	Re-use of Salvageable Material	Stage-I	S/SRI/U	No. 1 (1995)
		Item Grade	S/SRI/U	5
	Item :	3 - Quality Arrangements		
a	Quality Arrangements	All Stages	S/SRI/U	45
b	Number of Mandatory Tests as per prescribed frequency	All Stages	S/SRI/U	75
c	Maintenance of QC Registers	All Stages	S/SRI/U	45
		Item Grade	S/SRI/U	YS
	to the second of	Item 4 - Geometrics		
a	Road way width	2 per Km in every inspection	S/U	ZY
b	Carriageway width	2 per Km in every inspection	S/U	Y S
c	Camber	2 per km	S/U	YS
d	Super-elevation & Extra Widening at Curves	1 curve in each km	S/U	y s
	AND THE RESERVE OF THE PARTY OF	Item Grade	S/U	7.5
, 	Item 5A - Earth Work	and Sub-grade in Embankm	ent/ Cutting	1
a	Quality of Material for Embankment/ Sub-grade	In Stage-I, 1 per km/ In Stage- II or III, 1 per km	.s/U	e a service a service a
b	Compaction	In Stage-I, 2 per km/ In Stage- II or III, 2 per km	S/U	S
c	Side Slopes and Profile	2 per km in Stage III	S/U	1 P. J.

	Item 5B - Earth Work	in Cutting in Hilly/ Rolling	Terrain	
a	Stability and Workmanship of Cut Slopes	Stage I and II, at 2 critical locations with maximum height of cutting in each km	S/U	-
)	Adequacy of Slope Protection	All Stages - In general	S/U	1
c	Upon completion of formation cutting, dressing, traffic worthiness	At Stage III, at 2 critical locations with maximum height of cutting in each km	S/U	-
d	Longitudinal Gradient	Stage II/III - 1 critical and fairly representative stretch of 200m in each Km	s/U	i i ja Sadiri .
		Item Grade	S/U	101
	ngara a nga d	Item 6 - Sub-Base		
8	Quality of Material			5
а	Grain Size	In Stage- II or III, 1 per	S/U	S
b	Plasticity	km	S/U	r Makan
c	Compaction	In Stage- II or III, 1 per km	S/U	2
d	Total Thickness of Layer	2 per Km	S/U	2
19		Item Grade	S/U	2
	Item 7 - Base C	Course – Water Bound Maca	lam	N
a	Grain Size of Course Aggregate		S/U	5
b	Test for Liquid Limit and Plasticity Index in case fine aggregates are crushable type	In Stage- II or III, 1 per km	S/U	
c	Volumetric Analysis for assessment of compaction of WBM	In Stage- II or III, 1 per km	S/U	and the second
d	Surface Evenness using straight edge	In completed WBM 2 tests per km	S/U	2
e	Thickness of every layer of WBM.	2 per Km	S/U	5
	and the state of t	Item Grade	S/U	.2

	Item 8 - Bituminous Layer - P	remix Carpet (PMC)/ Surfac	e Dressing (S)	D)
	Level of cleanliness of WBM surface prior to application of bituminous layer	l per Km	S/U	2
b	Quality of Prime Coat/ Tack Coat with respect to quality of material and workmanship	1 observation on the day of inspection	S/U	-
c	Gradation Test for Course Aggregate (if the work in the item is ongoing)/visual observation in case of completed item of work	1 test on the day of inspection	S/U	-
đ	Grade of bitumen and temperature at the time of mixing and laying (if the work in the item is ongoing)	1 test on the day of inspection	S/U	
e '	Bitumen Extraction Test if PMC is complete	1 test per Km	S/U	111111
f	Thickness of layer	2 per Km	S/U	S
g	Surface Evenness in case of completed BT work	2 per Km	S/U	5
	er i kaya man may siran ana alaa kay	Item Grade	S/U	S
	A second of the	Item 9 - Shoulders		
2	Quality of material for shoulders	In Stage- II or III, 1 test per Km	S/SRI/U	
ь	Degree of compaction	In Stage- II or III, 1 test per Km	S/SRI/U	5
c	Thickness of layer	In Stage- II or III, 2 tests per km	S/SRI/U	-
Ite	em Grade		S/SRI/U	5
	Item 10 - Cross Drainage Works	- Causeways of all spans span.	and Culverts	upto 6 m.
2	Quality of Material – Concrete, Stone/ brick masonry, Hume pipes including size etc.	All Stages	S/SRI/U	3
b	Quality of Workmanship such as positioning of pipes, wing walls, cushion over H Pipes etc.	All Stages	S/SRI/U	3

	Item 8 - Bituminous Layer - P	Temix Carpet (PMC)/ Surface	e Dressing (SI)
A 	Level of cleanliness of WBM surface prior to application of bituminous layer	1 per Km	S/U	
b	Quality of Prime Coat/ Tack Coat with respect to quality of material and workmanship	l observation on the day of inspection	S/U	
c	Gradation Test for Course Aggregate (if the work in the item is ongoing)/visual observation in case of completed item of work	I test on the day of inspection	S/U	
d	Grade of bitumen and temperature at the time of mixing and laying (if the work in the item is ongoing)	1 test on the day of inspection	S/U	
e	Bitumen Extraction Test if PMC is complete	I test per Km	S/U	
f	Thickness of layer	2 per Km	S/U	
g	Surface Evenness in case of completed BT work	2 per Km	S/U	Many - 18
	en kultura era era era era era era era era era e	Item Grade	S/U	
3		Item 9 - Shoulders		4
2	Quality of material for shoulders	In Stage- Il or III, 1 test per Km	S/SRI/U	
b	Degree of compaction	In Stage- II or III, 1 test per Km	S/SRI/U	
c	Thickness of layer	In Stage- II or III, 2 tests per km	S/SRI/U	
Ite	m Grade		S/SRI/U	
	Item 10 - Cross Drainage Works -	Causeways of all spans span.	and Culverts	upto 6 m.
a	Quality of Material - Concrete, Stone/ brick masonry, Hume pipes including size etc.	All Stages	S/SRI/U	
b	Quality of Workmanship such as positioning of pipes, wing walls, cushion over H Pipes etc.	All Stages	S/SRI/U	الملاوا
Stee		Item Grade	S/SRI/U	5.0 302

	Item 11 - Side	Drain and Catch Water Dra	in -	
a	General quality of Side Drains/ Catch Water Drains and their integration with CDs.	All Stages	S/SRI/U	1
18		Item Grade	S/SRI/U	1
	Item 12 - CC/ Semi Rigid	Pavements and Associated Pr	ıkka Drains	
a	Quality of Material - Concrete, Stone/ Concrete Block Pavement etc.	In Stage- II or III, 1 per 100 m. Length of Pavement	S/U	5
b	Strength of CC in Concrete Pavement/ Concrete Block Pavement	In Stage- II or III,1 per 100 m. Length of Pavement	S/U	
c	Quality of Workmanship – Wearing surface texture, Adequacy of setting of concrete, Joints, Edges etc.	ln Stage- II or III	S/U	ی
d	Thickness of Layer	In Stage- II or III, 1 per 100 m. Length of Pavement	S/U	2
er ac		Item Grade	S/U	3
	Item 13 - R	oad Furniture and Markings		
a	Citizen Information Board, Main Informatory Board, Quality and whether fixed during construction.	Stage-I	S/U	5
b	Logo boards, 200 m stones and Km stones, quality and whether fixed after completion.	Stage-III	S/U	-
c	Whether the information in boards is given in local language.	Stage-I and III	S/U	ع
		Item Grade	S/U	S

17. Overall Grading of Work: The overall grading calculated on the basis of item and subitem wise grading is given below:

Item No.	Sub Item for Observation	Awarded Grade
Item No 1	Setting Out and Working Drawing	\$
Item No 2	Site Clearance and Grubbing	2
Item No 3	Quality Arrangements	3
Item No 4	Geometrics	S
Item No 5 A	Earth Work and Sub-grade in Embankment/ Cutting	
Item No 5 B	Earth Work in Cutting in Hilly/ Rolling Terrain	·
Item No 6	Sub-Base	5
Item No 7	Base Course - Water Bound Macadam	S
Item No 8	Bituminous Layer – Premix Carpet (PMC)/ Surface Dressing (SD)	S
Item No 9	Shoulders	
Item No 10	Cross Drainage Works – Causeways of all Spans and Culverts up to 6 m. span.	
Item No 11	Side Drain and Catch Water Drain	
Item No 12	CC/ Semi Rigid Pavements and Associated Pukka Drains	S
Item No 13	Road Furniture and Markings	2
	Overall Grading	2

Sig	natur	e:

Name:

Date:

GSB Gr-I

NAME of WORK :-

TOZ TO MUNIRAM TOLA

PHASE -

PACKAGE No. -

13R-16R-318

CHAINAGE -

0.250 .KM

Date of Test -

29/12/2018

Weight of Sample - 10000

		-		But of Gampio -	10 000
I.S Seive Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cutting 12 (1) is of Weight Ketained		Permissible Value %
75mm	6	0	0	100	100
26.5mm	2585	25.85	25.85	74.15	55-75
4.75mm	4600	46.00	71.85	28.15	10-30
0.075mm (75 micron)	2758.	27.58	. 99.43	6.57	0-10

29.12.18 AE

John

WBM Gran

NAME of WORK :-

TOZ TO MUNIRAM TOLA

PHASE -

PACKAGE No. -

BR-16R-318

CHAINAGE -

0.250 KM

Date of Test -

29/12/2018

I.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	ght of Sample - % of Weight Passing	
3mm	0	٥	. 0	100	1.06
53mm	365	3.65	3.65	96.35	95-100
45mm	23.80	23.80	27.45	72.55	65-90
22.4mm	6422	64.22	91.67	8.33	0-10
11.2mm	742	7.42-	199.09	0.91	0-5
Pan					

Total Weight of Sample 1198

Weight of Screening 1987.

Percentage of Screening 19.87 /

29112-15 ME



TEST OF FIELD DENSITY OF SOIL BY CORE CUTTER METHOD

DATE: 29/12/2018

NAME OF ROAD: TO 2 TO MUNIRAM TOLA

CHAINAGE OF TEST: 0.250 KM

Sl. No.	Observation	Qty. with	Qty. with unit		
1	Volume of Core Cutter (V) cc	1021	cc		
2	Weight of empty core cutter (W) gm	1501	gm		
3	Weight of core cutter + wet soil (W1) gm	3036	gm		
4	Weight of wet soil (W2) gm	1965	gm		
5	Bulk Density of Soil (Yb=W2/V) gm/cc	192	gm per co		
6	Moisture content by mointure meter X%	100	%		
7	Modified moisture content as caliberated Z%	11.2	%		
8	Dry Density= (100/100+Z) x Yb	1.73	gm per co		
9	M.D.D. as per QC Register	1.68	gm per co		
10	Result whether dry density conforms to MDD	Acs	yes or No		
11	Remarks, if any				

Tested in Presence of:-