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

	work is Ongoing Completed
GEN	ERAL:
1.1.	Date of Inspection: 29 101 2018
1.2.	Name of State Quality Monitor: E.E. Areraj, Er. Ramdeo Chandhani.
1.3.	District: East champasan Block: Banjasiya. Name of Road: From LO42-LO28 to Khaira ghost
1.4.	
1.5.	Package No.: BR-11R-656
1.6.	Length:Km Flexible Pavement,Km. CC/other Pavement .7.l.Qm. =
Total!	6.71e.Km
1.7.	Estimated Cost (As cleared by GOI): Rs. 40. 41700 Lakh
1.8.	Technical Sanction Cost: Rs. 40.4/700 Lakh
1.9.	The Work is a Case of: New connectivity Up gradation
1.10.	Terrain Plain Rolling Hilly
1.11.	Date of Start of the Work: 02 11 17
1.12.	Stipulated Date of Completion: 01 11 13
1.13.	Actual Date of Completion (if work completed):
2. Progra	PHYSICAL PROGRESS: (In case of On going works only) Construction amme and Physical Progress:

Item	Completed	Dates for	Start	Completion	Delay in
1	percentage of Item	completion	Date	Date	Months
Earth Work	#_ v.	Due			
	65%	Actual		1	
CD Works	100 16	Due			20
	100 %,	Acrual		1	
Sub base i/c	1	Due			
Shoulders		Actual			
Base Course (Non	5%	Due			
Bitu.)	071	Actual		the state of	
Base /Wearing	. 61:1	Due			474
Course(Bitu.)	PIT	Actual	Y.	÷ * '	1 1
CC Pavement		Due			v land
		Actual			Pik-
Signage etc	100	Due			
<i>2 2</i>	40 ×	Actual		66	

3. QUALITY CONTROL:

- 3.1. Location of Field Laboratory: At side.
- 3.2. Quality Control Register Part-I is maintained by: By Agencey.
- 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

Name and Signature of the Head of PIU, Date:.....

Format 1- Part II

Report of State Quality Monitor (SQM) PART II— Observations of SQM 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 D				ges of	work

_									
	#	Whether	Exact	Whether Center Line of	Whether properly				
		Bench	Locations of	Carriage Way accurately	prepared Working				
		marks @ 4	the Bench	established and	Drawing for the work				
	MALE TO	1	Marks	referenced with Marker	under progress is				
		established		Pegs and Chainage					
		(Y/N)		Boards (Y/N)					
		V	@ 250m	Υ	A				
			1/:		the state of				
	Grading: Grade: S SRI U If this item is graded SRI/U, write clear reasons and								
	1 000	and a string for improvement							

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

5

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

#	Whether Clearing and	Whether the material	Name the reusable material
	Grubbing being done	available from	obtainable from clearance or
	as per DPR and	scarifying existing work	scarification and indicate
	Material obtained is	or clearing operations	approximate quantity and its
-32	being disposed off	can be salvaged and	re-use by the PIU.
	properly (Y/N)	reused (Y/N)	
		7	J
)	RI IX
		N	/5/19
1	1 2 2		

	de S SRI U If this it or improvement:	tem is graded Sl	RI/U, write clear reasons ar	nd
suggestions in	i improvement:			
	3	•		

3. QUALITY ARRANGEMENTS AND ATTENTION TO QUALITY - For all stages of work Observations about Field Laboratory:

#	Whether Field laboratory Established (Y/N)	available.	Whether adequate Equipments as per requirement of work are available and are being used. (Y/N)
	Y	7	<i>></i>

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		Test	required \	No. of Tests Conducted by PIU/Contractor
\vdash				1 2000	
			-Ne	in fours	
		,,	You we		
		9201	1		
	6.				
_					
					r
					j.

#	Based on executed quantities whether all mandatory tests conducted. Yes Partly No	Whether QC Register Part I maintained as per provisions. Yes Partly No	Whether QC Register Part II maintained and test results monitored as per provisions. Yes Partly No

Grading: Grade:	S SRI	U	If this item is graded SRI/U, write clear reasons and
suggestions for im	provemen	t:	games Starts, write cical reasons and

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 %
400	6.00	3.75	2.95%				
							1

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)

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

OBSERVATIONS REGARDING THE QUALITY OF ITEMS OF WORK:

5. Earthwork:

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

#	Location (RD)	On Visual Classification identify the Group Symbol and write	Quality of material is acceptable. (Y/N)
	400	Sandy clay	Y
	j j	0	
	1		
	10		
		44	

S	Grade: uggestions	s U	I remen	f this item i t:	s graded U, write	e clear reasons	and
				-			
)b	servation –			for Embar	nkment and Sub		
#	Location (RD)	MDD kl (As p	er	Field Moisture Content	Field Density kN/m ³	gree of Compac Dry Density kN/m ³	
					п		(1/14)
1							
		1			-	Ref Posts	garings of
					0.1		
	ade: S provement:	U If t	his ite	m is graded	U, write clear r	easons and sug	gestions for
				S			
			1	·			
150	ervation –	Side slope	es and	profile:			
#		on (RD)	Whe	ther Side SI factory (Y/	opes N)	Whether profit Satisfactory (Y	
		3					
		5	766	Kin	(000 dean)	2 ³ pg	
					-	F 1 1 1 1 2 1 2 2	* ''

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

#	Location (RD)	Cut Slopes & Profile, whether appears to be stable. (Y/N)	Adequate slope protection works executed. (Y/N)	15 Property
		7,1	ł. /	2
4.73	Ψ_{2}^{l}			

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
,			/		
		A /			
	M.,	1			

Grade: S improvement:	item is graded U, wri	te clear reasons and	l suggestions for
	N. A		

6. Sub-Base:

${\bf Observations - Quality \ of \ Material \ and \ Workmanship:}$

#	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)
<i>\</i> ,	Unm	γ	(1/N)	Υ	(.6D mr	<u> </u>
47	e es des		1 8 th 1			

Grade: S U for improvement:	If this item is grade	d U, write	clear reasons	and suggest	ions
	2				

7. Base Course:

Observations- Quality of Material and Workmanship of WBM:

	#	Location		Thickness	Aggregate	Filler	Volume of	Whether
		(RD)	of each	is	confirms to	material is	filler	adequate
		(10)	layer of	adequate.		non-plastic	material	compaction
			WBM	(Y/N)	(Y/N)	to desired	percent of	is done.
	-		(mm)			extent.	course	(Y/N)
L						(Y/N)	aggregate	2
		400 m	75mm	n X	\forall	· >	22.67,	Y
								7
				-	ν.			
						1	₹	· · · · · · · · · · · · · · · · · · ·

Observations - Surface evenness: Surface evenness in about 200 m critical representative length of completed WBM:

Y 85

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

5

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:

In case of PMC/RM/MPM/ Seal Coat

TII (case of Fivic	JRM/MIPM/ S	ear Coat		
#	Location	Whether	Whether the	Write Mixing	Write Laying
	(RD)	Course	binder is of	Temperature	Temperature
	,	Aggregate	approved grade.	and whether it is	and whether it
		confirms to	(Y/N)	in permissible	is in
1. 2		grading.	1	limits. (Y/N)	permissible
	,	(Y/N)			limits. (Y/N)
11					Service Control
	,				
	1 11	games of			2 2
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	(. 44		The second
1			7.4	er suidos ()	a dispersion and

Г	- A	U If this	iter	n is oned at	Y 7 .		
j	Grade: S improvement	t:	псі	ii is graded	U, write	clear reaso	ns and suggestions fo
	E contract						
_						,	
O	bservations	- Workman	ship	of BT laye	r PMC/I	BM/MPM	(in case of completed
ve	rks).						
#	Location (RD)	Thiolenogo		ickness		Whethe	r surface evenness is
	(KD)	Thickness mm	ın	Whether the		within ac	ceptable limits. (Y/N)
_		111111		is adequate	e. (Y/N)		
					- 4		
ra	de: S U	If this	iten	a is graded I	T	1-	
	ovement:	II tills	ItCII	i is graded C	, write c	lear reason	s and suggestions for
•							
		* 1					
_							
Ω	haavva4i	- 0 111					- N
U	DSCI VALIONS	s - Quality o	i Si	ioulders:			
F	RD of	Thickness	137	hether	Whethe	r quality	Wiles Alexander Cl. 11
	bservation	of layer in	1	ality of the		er quality ompaction	Whether Shoulders
l		mm	-	aterial is		anship is	being constructed simultaneously
				ceptable.	1	ble.(Y/N)	with sub-base and
-		1		/N)	_	(-/11)	base course (Y/N)
		= 1		205	n		(2,21)
				600 de		_	
-		May ,	N	4.2			
		0,000					
i							

10.	Cross Drainage	Works: Observations	- Quality of CDs:
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#	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)
	450m	Hume pipe	4	/

Grade: suggestions	S SRI for impro	If this	item i	s graded	SRI/U,	write	clear	reasons	and
			S						

11. Side Drains and Catch water Drains: Observations:

#	Reference of	RD at	Whether general quality	Whether side drains
	RDs where side	which	of the side drains/ catch-	are integrated to
	drain	observation		cross drains. (Y/N)
	constructed.	made.	acceptable. (Y/N)	, ,
5 T		10 to 10		
įt,	1			± - 1
	12. P. J.			
1	A A A A A A A A A A A A A A A A A A A			
			•	3 1

Grade: S SRI U suggestions for improvement	If this item is graded SRI/U, write clear reasons and
The same of the sa	

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

#	Reference of RDs, CC/SR	RD at which		kness	General	General
	Pavements	observati	Thickness in mm	Acceptable	quality of material is	quality of workmanship
	provided.	on made.		(Y/N)	acceptable.	acceptable(Y/
-						N)
-					to be lone	
-					10 00	,
			- W	V 10,		-
	·		O 0 0		-	4
						,

Comments about adequacy of face/main walls, wings and retaining walls:

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-					
		·			
li li					
1					
A.,	V N Legions				

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

13. Road Furniture and Markings

Observations - Item No. 14 a: Quality Road Furniture and Markings:

Main Informatory Board Fixed:

Yes No

Citizen Information Board Fixed:

Yes No

Grade: S U improvement:

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

5

Observations - Quality Road Furniture and Markings:

13.1.1. Logo Boards Fixed:

Yes No

13.1.2. 200m. Stones fixed:

Yes No

13.1.3. 1 Km. Stone fixed:

Yes No

13.1.4. Guard Stones fixed on Curves:

Yes No

13.1.5. Mandatory and Cautionary Signage

Yes No

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

5

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):

work is ongering

14.2. Whether the work has been completed/is in 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:

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

#		Stage of Work	Awardable Grades	Awarded Grades
_1		3	4	5
	Item 1 – Se	tting Out and Working Dr	awing	
a		All Stages	S/SRI/U	S
b	Availability of Working Drawing	All Stages	S/SRI/U	S
		Item Grade	S/SRI/U	
	Item 2 – 3	Site Clearance and Grubb	ing	
a	Site Clearance and Grubbing	Stage-I	S/SRI/U	5
b	Re-use of Salvageable Material	Stage-I	S/SRI/U	<u> </u>
		Item Grade		5
	Item 3	3 - Quality Arrangements		
ı	Quality Arrangements	All Stages	S/SRI/U	0
•	Number of Mandatory Tests as per prescribed frequency	All Stages	S/SRI/U	<u>></u> S
	Maintenance of QC Registers	All Stages	S/SRI/U	S
		Item Grade	S/SRI/U	3
	I	tem 4 – Geometrics	S/ STQ/ C	
-	Road way width	2 per Km in every inspection	S/U	5
	Carriageway width	2 per Km in every inspection	S/U	5
	Camber	2 per km	S/U	S
,	Super-elevation & Extra Widening at Curves	1 curve in each km	S/U	S
		Item Grade	S/U	S
	Item 5A - Earth Work a	nd Sub-grade in Embank	ment/ Cutting	7.
() E	Quality of Material for Embankment/ Sub-grade	In Stage-I, 1 per km/ In Stage- II or III, 1 per km	S/U	S
C	Compaction	In Stage-I, 2 per km/ In Stage- II or III, 2 per km	S/U	S
S	ide Slopes and Profile	2 per km in Stage III	S/U	S

	Item 5B - Earth Wor	k in Cutting in Hilly/ Rol	ling Terrain	
	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	
	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	
		Item Grade	S/U	
		Item 6 - Sub-Base		
	Quality of Material			
a	Grain Size	In Stage- II or III, 1 per	S/U	S
b	Plasticity	km	S/U	5
c	Compaction	In Stage- II or III, 1 per km	S/U	S
d	Total Thickness of Layer	2 per Km	S/U	S
		Item Grade	S/U	S
	Item 7 - Base 0	Course – Water Bound Ma	cadam	a le
a	Grain Size of Course Aggregate		S/U	5
ì	Test for Liquid Limit and Plasticity Index in case fine aggregates are crushable type	In Stage- II or III, 1 per km	S/U	
	Volumetric Analysis for assessment of compaction of WBM	In Stage- II or III, 1 per km	S/U	S
	d Surface Evenness using straight edge	In completed WBM 2 tests per km	S/U	
	e Thickness of every layer of WBM.	2 per Km	S/U	S
		Item Grade	S/U	S

Item 8 - Bituminous Layer -	- Premix (arnot (DMC)/		
	Tremix Carpet (PMC)/	Surface Dressi	ng (SD)
Level of cleanliness of WBM surface prior to application of bituminous layer	1 per Km	S/U	
Quality of Prime Coat/ Tack Coat with respect to quality of material and workmanship	1 observation on the day of inspection	S/U	_
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	_
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	,—
Bitumen Extraction Test if PMC is complete	1 test per Km	S/U	_
Thickness of layer	2 per Km	S/U	
Surface Evenness in case of completed BT work	2 per Km	S/U	_
	Item Grade	S/U	\$
I	tem 9 – Shoulders		
Quality of material for shoulders	In Stage- II or III, 1 test per Km	S/SRI/U	7
Degree of compaction	In Stage- II or III, 1 test	S/SRI/U	_
Thickness of layer	In Stage- II or III, 2 tests	S/SRI/U	-
n Grade		S/SRI/U	_
tem 10 - Cross Drainage Works	- Causeways of all spans	and Culverts u	pto 6 m.
_	span.	, ,— 1	
Quality of Material – Concrete, Stone/ brick masonry, Hume pipes including size etc.	All Stages	S/SRI/U	S
Quality of Workmanship such as positioning of pipes, wing walls, cushion over H Pipes etc.	All Stages	S/SRI/U	S
	Item Grade	S/SRI/U	5
	surface prior to application of bituminous layer Quality of Prime Coat/ Tack Coat with respect to quality of material and workmanship Gradation Test for Course Aggregate (if the work in the item is ongoing)/visual observation in case of completed item of work Grade of bitumen and temperature at the time of mixing and laying (if the work in the item is ongoing) Bitumen Extraction Test if PMC is complete Thickness of layer Surface Evenness in case of completed BT work Quality of material for shoulders Degree of compaction Thickness of layer or Grade tem 10 - Cross Drainage Works Quality of Material - Concrete, Stone/ brick masonry, Hume pipes including size etc. Quality of Workmanship such as positioning of pipes, wing walls, cushion over H Pipes	surface prior to application of bituminous layer Quality of Prime Coat/ Tack Coat with respect to quality of material and workmanship Gradation Test for Course Aggregate (if the work in the item is ongoing)/visual observation in case of completed item of work Grade of bitumen and temperature at the time of mixing and laying (if the work in the item is ongoing) Bitumen Extraction Test if PMC is complete Thickness of layer Surface Evenness in case of completed BT work Item 9 - Shoulders Quality of material for shoulders Degree of compaction Thickness of layer Degree of compaction Thickness of layer Thickness of layer Quality of Material - Concrete, Stone/ brick masonry, Hume pipes including size etc. Quality of Workmanship such as positioning of pipes, wing walls, cushion over H Pipes All Stages	surface prior to application of bituminous layer Quality of Prime Coat/ Tack Coat with respect to quality of material and workmanship Gradation Test for Course Aggregate (if the work in the item is ongoing)/visual observation in case of completed item of work Grade of bitumen and temperature at the time of mixing and laying (if the work in the item is ongoing) Bitumen Extraction Test if PMC is complete Thickness of layer Surface Evenness in case of completed BT work Quality of material for shoulders Per Km Quality of material for shoulders Thickness of layer Per Km In Stage- II or III, 1 test per Km In Stage- II or III, 2 tests per Km Thickness of layer Thickness of layer All Stages S/SRI/U Quality of Material – Concrete, Stone/ brick masonry, Hume pipes including size etc. All Stages S/SRI/U S/U S/U S/U S/U S/U S/U S/U

	Item 11 - S	ide Drain and Catch Wat	er Drain	
a	General quality of Side Drains Catch Water Drains and their integration with CDs.	All Stages	S/SRI/U	
		Item Grad	le S/SRI/U	_
	Item 12 - CC/ Semi Rig	gid Pavements and Associa	ited Pukka Dra	ins
a	Quality of Material – Concrete Stone/ Concrete Block Pavement etc.	In Stage- II or III, 1 per 100 m. Length of Pavement	S/U	
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.	In Stage- II or III	S/U	
d	Thickness of Layer	In Stage- II or III, 1 per 100 m. Length of Pavement	S/U	—
		Item Grade	S/U	<u> </u>
	Item 13 - R	oad Furniture and Markin	ngs	
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	5
		Item Grade	S/U	S
_				

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

Item No.	Sub Item for Observation	
Item No 1	Setting Out and Working Drawing	S
Item No 2	Site Clearance and Grubbing	S
Item No 3	Quality Arrangements	S
Item No 4	Geometrics	
Item No 5 A	Earth Work and Sub-grade in Embankment/ Cutting	S
Item No 5 B	Earth Work in Cutting in Hilly/ Rolling Terrain	18
Item No 6	Sub-Base	S
Item No 7	Base Course – Water Bound Macadam	
Item No 8	Bituminous Layer – Premix Carpet (PMC)/ Surface Dressing (SD)	
Item No 9	Shoulders	
Item No 10	Cross Drainage Works – Causeways of all spans and Culverts upto 6 m. span.	S
Item No 11	Side Drain and Catch Water Drain	_
Item No 12	CC/ Semi Rigid Pavements and Associated Pukka Drains	_
Item No 13	Road Furniture and Markings	5
	S	

Signature:

Name:

Executive Engines Rural Works Department Works Division, Areraj Date:

Test for Water Bond Macadam Base Grade-III Sieve Analysis of Aggregate (IS: 2386 Part-1) Package No.

Name of Road:-

L042-t038 70 Khainghat

Sample No. :-

Weight of Sample 36230

gm.

I.S. Sieve Designation	Weight of Sample retained (gm)	Percent of wt. retained (%)	Cumulative Percent of wt. retained (%)	Present of wt. passing (%)	Permissible Value
63 mm	O	0	O	100	100
53 mm	1341	3.70	3.70	96.30	95 - 100
45 mm	7529	20.78	24.48	75.52	65 - 90
22.4 mm	24600	67.90	92.38	7.62	0 - 10
11.2 mm	2761	7.62	100.0	0	0 - 5
Sca	conin	22.67.			

Checked by -

Test for Granular Sub Base Grading- i

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

Package No.

Name of Road: - Lo42 - Lo38 To Khaisaghir

Date:-

Sample No. :-

Weight of Sample

44944

gm.

I.S. Sieve Designation	Weight of Sample retained (gm)	Percent of wt. retained (%)	Cumulative Precent of wt. retained (%)	Present of wt. passing (%)	Premisible Value
75 mm	0	0	. 0	100	100
26.5 mm	14445	32.14	32.14	64.86	55 - 75
4.75 mm	18229	44.56	72.70	27.30	10 - 30
0.075 mm	12267	27.30	100	6.00	< 10

Checked By: