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

	Work is Ongoing Completed
GENE	CRAL:
1.1.	Date of Inspection: 28 12 18
1.2.	Name of State Quality Monitor: Ram Davas Circh
1.3.	District: Jamui Block: Laxmi Pur
1.4.	Name of Road: From Sondifi Karamtanz and to Thazi.
1.5.	Package No.: BR-15R-238
1.6.	Length:17:9Km Flexible Pavement, 11:3Km. CC/other Pavement
Total.	12.0 Km
1.7.	Estimated Cost (As cleared by GOI): Rs. 616.69 Lakh
1.8.	Technical Sanction Cost: Rs. 616-69 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: 04 07 17
1.12.	Stipulated Date of Completion: 03 07 18
1.13.	Actual Date of Completion (if work completed):
2. Progr	PHYSICAL PROGRESS: (In case of On going works only) Construction ramme and Physical Progress:

Item	Completed percentage of Item	Dates for completion	Start Date	Completion Date	Delay in Months
Earth Work	40%	Due			
Larar Work	907.	Actual			7
CD Works	60%	Due			/
CD Works	601.	Actual		ح، ا	
Sub base i/c	357.	Due		*	
Shoulders	22 /	Actual		~	
Base Course (Non	35 1/2	Due		10%	
Bitu.)	35 /-	Actual		6.0	
Base /Wearing		Due		14	
Course(Bitu.)		Actual			
CC Pavement		Due	Α,		
001111111111	_	Actual	00		
Signage etc	25%	Due	V		
0.66.	21.	Actual	/		

3. QUALITY CONTROL:

- 3.1. Location of Field Laboratory:
- 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
19-03-18	Er. Ashok Kr. Singh	· (())	_
23 -11-18	Kr. Singh "S&M" Er. Radhakan Shahi "S&M"	٠, دد ا	_
5.	₹.		, ,

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

#	marks @ 4	Locations of	Whether Center Line of Carriage Way accurately established and referenced with Marker Pegs and Chainage Boards (Y/N)	prepared Working Drawing for the work under progress is
	N N	N· A·	W.B.M. progress	

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

"U" T.B.M. Should be fixed.

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	Name the reusable material obtainable from clearance or scarification and indicate approximate quantity and its re-use by the PIU.

Grading: Grade	S	SRI	U	If this	item	is	graded	SRI/U,	write	clear	reasons	and
suggestions for in	mpr	ovem	ent:									
							-					

* - QUALITY ARRANGEMENTS AND ATTENTION TO QUALITY - For all stages of work

Observations about Field Laboratory:

#	Whether Field laboratory Established (Y/N)	available. pe	Whether adequate Equipments as er requirement of work are vailable and are being used.
	У	Asper requirement	Y

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 Executed	Work	Quantity	Name of Test	No. o	of Tests ed	No. of Tests Conducted by PIU/Contractor
					- 1		
						-	
	10						1
			-				
-							
-							
_			·				
-				· .			
<u></u>							
#	quantities mandatory conducted	whethe	tests prov	ether QC Regis intained as per visions.	ter Part	II mainta results m provision	QC Register Part ined and test onitored as per s Partly No

Grading: Grade: suggestions for im	SRI U If this item is graded SRI/U, w	vrite clear reasons and
	S.	

APPETRICS: The SQM should take at least two moreuren cars in 1 Kinder it is found that the readway and carriagonay is insdequate SOM may take arvations:

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 %
5.500	5.50	3.75	3.20				
6.700	5. 85	3.75	3.4				
7.40	5.80	3.75	3.3				

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)
		Not provide	d Prope	nly	

Grade: S U If this item is graded U, write clear re	easons and suggestions for
improvement: Roadway width & sufer elev	ofin should be
Roadway width & super elect	, 4,1000
improved.	
* .	
	¥

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)
	2200	Sand clay	y
	•	X	

Grade; suggesti	ons fo	r improvem		his item is	graded U, write	clear reasons	and
					•	9	
Observa	tien –	Workmans	hip	for Emban	kment and Sul	-grade Const	ruction:
	ation	MDD kN/		Field	Deg	gree of Compac	tion
(F	(D)	(As per record)		Moisture Content	Field Density kN/m ³	Dry Density kN/m ³	Compaction adequate. (Y/N)
		,					
-				5			
Grade	e: S	U If th	is it	em is grade	d U, write clear r	easons and sug	gestions for
impro	vemen	t: ,	*:	+	f.	71	
				_			*
							i.
						*	
		- Side slope				1	
#	Loca	ation (RD)		ether Side : isfactory (Y		Whether profi Satisfactory (
				-			
						10	
				a. (
	•						

Marations - 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)	Formation is properly dressed and traffic worthy. (Y/N)
-			NA	

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
			- u		125

Grade: S U	If this item is gr	If this item is graded U, write clear reasons and suggestions for					
improvement: .	4			3 ·		1	
	17 C			ę	*	ř.	
e.							

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)
	2.200	У	¥	À	175	Y
_						
-	·.					
-						

for improvement:

7. Base Course:

Observations- Quality of Material and Workmanship of WBM:

**	*						
#	Location (RD)	of each	Thickness is adequate. (Y/N)		non-plastic	Volume of filler material	Whether adequate compaction
	(m)	(mm)	(1714)	(Y/N)	to desired extent. (Y/N)	percent of course aggregate	is done. (Y/N)
G3	2530	77	Y	Y	~		7
Gz	2250	75	7	У	Y		
63	6700	76	¥	Y	Ý		-
612	6700	77	У	. '}	À	-	ý

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

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

3. promonous Course: Premix Carpet/Surface Dressing/ BM/ MPM etc including scal 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

ln (case of Pivic	JRM/MPM/ S	eat Coat		
#	Location	Whether	Whether the	Write Mixing	Write Laying
	(RD)	Course	binder is of	Temperature	Temperature
	0.5	Aggregate	approved grade.	and whether it is	and whether it
		confirms to	(Y/N)	in permissible	is in
	-	grading.		limits. (Y/N)	permissible
		(Y/N)			limits. (Y/N)
		*			
	-				
1	%				
				2.5	1
-	-				
	1				

		If this iter	n is graded !	write	olean crass	ns and suggestions fi
7 T	rer ement:		*			
					-	
			: • · · · · · · · · · · · · · · · · · ·			
1101	servations - '	Workmansh	ip of BT layer	PMC/I	ВМ/МРМ (in case of completed
#	Location		hickness		Whether	surface evenness is
_	(RD)	Thickness in mm	Whether thing is adequate.		within acc	ceptable limits. (Y/N)
_						
_						
	de: S U	If this it	em is graded U	write o	clear reasons	s and suggestions for
ımp	rovement:					and suggestions for
						70
					_	
					,	ü _p .
9.	Observation	s - Quality o	f Shoulders:			
#		Thickness	Whether	Wheth	ner quality	Whather
	observation	of layer in	quality of the material is	of (compaction	being constructed
			acceptable.	accept	nanship is able.(Y/N)	simultaneously
-			(Y/N)	-	(2.1.)	with sub-base and base course (Y/N)
-	-					
-						
-						
			1	1	J	

til. 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)		of is
	5600	H-P. 600	У	У	
	6400	H.P. 6 W	У	У	

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

11. Side Drains and Catch water Drains: Observations:

#	Reference of RDs where side drain constructed.	Whether general quality of the side drains/ catch- water drains is acceptable. (Y/N)	
			16
			5
_			

Grade: S SRI U	I this nom is brace brace, wine	lear reasons and
* · · · · · · · · · · · · · · · · · · ·		

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

Ħ	Reference of RDs, CC/SR	1000	Thic	kness	General	General
	Pavements provided.	which observati on made.	Thickness in mm	Acceptable (Y/N)	quality of material is acceptable. (Y/N)	1
_						
-			_			
-				<u></u>		
+					1	

Comments about adequacy of face/main walls, wings and retaining walls	5:
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		Ū	722
_	4	. •	
			*
_			•
-			

Grade: S U	If this item is graded II write al
improvement:	If this item is graded U, write clear reasons and suggestions for
25 	
	•
	-
	•

Road Furniture and Markings

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

Main Informatory Board Fixed:

Yes No

Citizen Information Board Fixed:

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

Observations - Quality Road Furniture and Markings:

13.1.1. Logo Boards Fixed:

Yes No

13.1.2. 200m. Stones fixed:

work in progress

13.1.3. 1 Km. Stone fixed:

Yes No

13.1.4. Guard Stones fixed on Curves:

Yes No No

13:1.5. Mandatory and Cautionary Signage

Grade: | S improvement:

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

Logo Doard shuld be fixed.

- General Observations of SQM, (including the observations made during the 14. 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):

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:

work delayed

and item of work is given below.

#	Sub Item for Observation	Stage of Work	Awardable Grades	Awarded Grades
1	2	4	5	
	Item 1 - Setti	ng Out and Working Dra	wing	
a	Bench Mark and Centre Line	All Stages	S/SRI/U	U
b	Availability of Working Drawing All Stages		S/SRI/U	_
		Item Grade	S/SRI/U	V
	Item 2 – Si	ite Clearance and Grubbir	ıg	
a	Site Clearance and Grubbing	Stage-I	S/SRI/U	_
b	Re-use of Salvageable Material	Stage-I	S/SRI/U	
	_	Item Grade	S/SRI/U	
_	Item 3	- Quality Arrangements		
a	Quality Arrangements	All Stages	S/SRI/U	S
b	Number of Mandatory Tests as per prescribed frequency	All Stages	S/SRI/U	_
c	Maintenance of QC Registers	All Stages	S/SRI/U	S
		Item Grade	S/SRI/U	5
	It	em 4 – Geometrics		· · · · · · · · · · · · · · · · · · ·
а	Road way width	2 per Km in every inspection	S/U	U
b	Carriageway width	2 per Km in every inspection	S/U	5
С	Camber .	2 per km	S/U	5
d	Super-elevation & Extra Widening at Curves	1 curve in each km	S/U	V
		Item Grade	S/U	V
	Item 5A - Earth Work a	and Sub-grade in Embank	ment/ Cutting	
a	Quality of Material for Embankment/ Sub-grade	In Stage-I, 1 per km/ In Stage- II or III, 1 per km	S/U	5
ь	Compaction	In Stage-I, 2 per km/ In Stage- II or III, 2 per km	S/U	4
С	Side Slopes and Profile	2 per km in Stage III	S/U	

	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	_		
b	Adequacy of Slope Protection	All Stages - In general	S/U	_		
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	-		
		Item Grade	S/U	3		
		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	2_		
	Item 7 - Base C	Course – Water Bound Ma	cadam			
a	Grain Size of Course Aggregate	١٠	s/u ·	ς .		
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	۶		
c .	Volumetric Analysis for assessment of compaction of WBM	In Stage- II or III, 1 per km	S/U	-		
d	Surface Evenness using straight edge	In completed WBM 2 tests per km	S/U	۶ .		
0	Thickness of every layer of WBM.	2 per Km	S/U	3		
	Item Grade S/U S					

•	Item 8 - Bituminous Layer - Premix Carpet (PMC)/ Surface Dressing (SD)					
я	Level of cleanliness of WBM surface prior to application of bituminous layer		S/U	_		
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	_		
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 1 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	_		
		Item Grade	S/U	/		
	I	tem 9 – Shoulders		1.0		
a	Quality of material for shoulders	In Stage- II 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	_		
	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	5		
b	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		

•••	tiem 11 - Side Drain and Catch Water Drain					
a	General quality of Side Drains/ Catch Water Drains and their integration with CDs.	and their All Stages		_		
		Item Grade	S/SRI/U	_		
	Item 12 - CC/ Semi Rigid	Pavements and Associate	d Pukka Drai	ns		
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	_		
с	Quality of Workmanship – Wearing surface texture, Adequacy of setting of concrete, Joints, Edges etc.	In Stage- II or III	s/U			
đ	Thickness of Layer	In Stage- II or III, 1 per 100 m. Length of Pavement	s/U			
		Item Grade	S/U	_		
	Item 13 - Re	oad Furniture and Markin	igs			
n	Citizen Information Board, Main Informatory Board, Quality and whether fixed during construction.	Stage-I	S/U	\$		
ь	Logo boards, 200 m stones and Km stones, quality and whether fixed after completion.	Stage-III	S/U	υ		
c	Whether the information in boards is given in local language.	Stage-I and III	S/U	S		
	3	İtem Grade	S/U	V		

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

Item No.	Sub Item for Observation	Award Grade	
Item No 1	Setting Out and Working Drawing	U	
Item No 2	Site Clearance and Grubbing	1 -	
Item No 3	Quality Arrangements	S	\neg
Item No 4	Geometrics	U	\neg
Item No 5 A	Earth Work and Sub-grade in Embankmen/de Cutting	2 7 7 7 7	
Item No 5 B	Earth Work in Cutting in Hilly Rolling Terrain	A. A.	-
Item No 6	Sub-Basers	iout nour con	al c
Item No Zeran	Base Course Water Bound Macadam Course	1021930	S
Item No'8	Bituminous Cayer—Premix Carpet (PMC)//- Surface Dressing (SD)	15.00	-
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	U	
	Overall Grading	SPI	

Signature: Name: Date: Executive Engineer
RWD Works Division

Jhajha

Name of Work: Lozz - Sondipi Karmatanz Road to Thori

Package No. - BR-15R-23R

Ch. 5.500 m. Location:-

Date of Test - 28 12 18

	<u>w</u>	'.B.M Gr.III	We	eight of Sample -	35127 m
I.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Permissible Value %
63mm	0	0	0	100	100
53mm	D .	0	D	100	95-100
45mm	4440	12.64	12.64-	87.36	65-90
22.4mm	2754.3	78.4-1	91.05	8.95	0-10
11.2mm	3144	8.95	100	1	0-5

Weight of Sample - 36104 gm. W.B.M.- Gr.II Cummulative % Weight of Permissible % of Weight % of Weight Sample Retained of Weight I.S Sieve Designation Value % Passing Retained Retained (gm.) 100 100 C 0 0 90mm 90-100 12.13 2841 7.87 7.87 63mm 25-75 26.12 73-88 6583 18:25 53mm 0 - 1513.98 53.90 80.02 19640 45mm 32.86 7.14 0-5 12.84 4636 22.4mm 2578 Pan

Weight of Sample - 23145 9m G.S.B.-Gr.II Cummulative % Weight of % of Weight Permissible % of Weight of Weight Sample Retained I.S Scive Designation Value % Passing Retained Retained (gm.) 100 100 0 D 0 53mm 24.53 50-80 75.47 24.53 5677 26.5mm 65.04 15-35 34.96 40.51 9376 4.75mm 100 0-10 34.96 0.075mm (75 micron) 809

TESTED IN PRESENCE OF:

Executive Engineer RWD Works Division Jhajha

Name of Work: - Lozz - Sondipi Karmatan Road to Thari

Package No. - BR-ISR-238 Location:- Ch. 6700m. Date of Test - 28 12 18

W.B.M.- Gr.III Weight of Sample - 34796 9m.

1.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Permissible Value %	
63mm	D	O	O	100	100	
53mm	463	1.33	1:33	98.67	95-100	
45mm	4266	12.26	13.53	86.41	65-90	
22.4mm	27384	78.70	92.29	7.71	0-10	
11.2mm	2683	7.71	100	_	0-5	

W.B.M.- Gr.II Weight of Sample - 35273 9pm

I.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Permissible Value %
90mm	0	0	0	100	100
63mm	304-3	8.64	8.64-	91.36	90-100
53mm	7467	21.20	29.84-	70.16	25-75
45mm	18806	53.39	83-23	16.77	0-15
22.4mm	3783	10.74-	93.67	6.03	0-5
Pan	2124				

Executive Engineer RWD Works Division

Jhajha

G.S.B.-Gr.II Weight of Sample -

		G.S.BGI.II	170	ight of Sample -	
I.S Seive Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Permissible Value %
53mm					100
26.5mm					50-80
4.75mm			-		15-35
0.075mm (75 micron)				_	0-10

TESTED IN PRESENCE OF:

Name of Work: - Lozz - Sondipi Karmatan Road to Thori

Package No. - BR-15R - 238

Location: - Ch. 7400 m.
Date of Test - 28-12-2018

11.2mm

Date of Test - 28-12-2018 W.B.M Gr.II			Weight of Sample - 3c322 gm			
I.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Permissible Value %	
63mm	0	0	0	100	100	
53mm	1006	2.77	2.77	97.23	95-100	
45mm	6215	17.11	19.88	80.17	65-90	
22 4mm	26606	73.25	93.13	6.87	0-10	

6.87

2495

100

Executive Engineer
RWD Works Division
Jhajha

0-5

W.B.M Gr.1			Weight of Sample -		
I.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Permissible Value %
90mm				lif.	100
63mm					90-100
53mm					25-75
45mm			100		0-15
22.4mm					0-5
Pan					

G.S.B.-Gr.II Weight of Sample -Weight of Cummulative % % of Weight % of Weight Permissible I.S Seive Designation Sample Retained of Weight Retained Value % Passing (gm.) Retained 53mm 100 26.5mm 50-80 4.75mm 15-35 0.075mm (75 micron) 0-10 **TESTED IN PRESENCE OF:**