

**Name of Road : Improvement Of Jampar Morzar Vartu Dam Patiya Road KM-0/0 To 2/650
(VR)**

Schedule of Test of Material

Sr. No.		Material	Total Quantity	unit		Name of Laboratory test	Frequency of test	Total no of test to be carried out	Remarks
1	2	3	4	5		7	8	9	10
1		Aggregate							
		GSB	0	Cum				0 test	
	a	M C Metal 40 to 63 mm	0.00	Cum	1	Gradation	Upto 100 cmt 1 test	0 test	
	b	Screening Material 6 to 10 mm	0.00	Cum	2	Flakiness	101 to 500 Cmt 3 test	0 test	
					3	Impact	501 to 1500 Cmt 5 Test		
					4	Abrasion	1501 to 5000 Cmt 7 test		
					5	Crushing Strength	Beyond 5000 Cmt 1 test for every 5000 Cmt		
		Stone Dust	108.80	Cum			1 test/50 CU.M.	3 test	
2		Earthwork	954.00	Cum	1	Density Test (BIS 2720 Part VII)	Two test per 8000 Cum of soil	As per Col. No. 8	
					2	Moisture Content (BIS 2720 Part II)	One test per every 250 Cum of Soil		
					3	Sand Content (BIS 2720 Part IV)	Two test per 8000 Cum of Soil		
					4	Plasticity Test (BIS 2720 Part V)	Each type to be tested Two test per 8000 Cum of soil		
3		Cement	1.56	MT	1	Consistency	One Sample of 15 kg per 50 MT	1 test	
					2	Setting time	2 Sample per 100 MT		
					3	Compressive strength	3 Sample per 200 MT		
					4	Soundness	4 Sample per 300 MT		
						Specific Gravity	5 Sample Per 600 MT		
						Fineness	6 Sample Per 800 MT		
							7 Sample Per 1300 MT		
4		Sand	0.70	Cum	1	Fineness Modulous	One Test per Working Season / Per Quarry / River	3 test	
					2	Specific Gravity			
					3	Water absorbtion			
					4	Alkali reaction			
					5	Silt content			
					6	Gradatin			

5	Crushed Stone Aggregate For Concrete Work	1.40	Cum	1	Gradation	Upto 100 cmt 1 test	1 test	
				2	Flakiness	101 to 500 Cmt 3 test		
				3	Impact	501 to 1500 Cmt 5 Test		
				4	Abrasion	1501 to 5000 Cmt 7 test		
				5	Water absorption	Beyond 5000 Cmt 1 test for every 5000 Cmt		
				6	Specific Gravity			
				7	Soundness			
6	CC Cube				Compressive Strength	1 to 5 Cum - 1 no		
	M 100	0.00	Cum			6 to 15 Cum - 2 no	0 Test	
	M 150	0.00	Cum			16 to 30 Cum - 3 No	0 Test	
	M 200 ordinary	0.00	Cum			31 to 50 Cum - 4 No	0 Test	
	M 200 trimix	0.00	Cum			51 and above - 1 test for every 50 Cum	0 test	
7	Water	-		1	Portability Test	1 Test during execution and as required 1 test per source of water	1 sample Min	
				2	Chemical Analysis			
				3	Salinity			
8	Mild Steel	0.000	MT	1	Yield Elongation test	1 per 40 MT	1 Test per each catogery	
9	HYSD	0.000	MT	2	Bent Test	1 Per 20 MT	1 Test per each catogery	
				3	Rleaned Test (for HYSD)	1 Per 20 MT	1 Test per each catogery	
10	Asphalt Work							
	BUSG	746.00		1	Gradation	Upto 100 cmt 1 test		
	25-40mm	373		2	Flakiness	101 to 500 Cmt 3 test	3	
	10-20mm	73.85		3	Impact	501 to 1500 Cmt 5 Test	1	
	6-10mm	49.24		4	Abrasion	1501 to 5000 Cmt 7 test	1	
	Carpet	522.00		5	Water absorption	Beyond 5000 Cmt 1 test for every 5000 Cmt		
	12-20mm	229.68		6	Crushing		3	
	6-10 mm	114.84					1	

[illegible]