



SPECIFIC GRAVITY OF BITUMINOUS MIX COMPONENTS		DATE	
PROJECT _____		JOB _____	
<b>COARSE AGGREGATE</b>		<b>UNITS (Grams)</b>	
MATERIAL _____	SIEVE AND RETAINED ON _____ SIEVE		
SAMPLE NUMBER _____			
1. WEIGHT OF OVEN - DRY AGGREGATE			
2. WEIGHT OF SATURATED AGGREGATE IN WATER			
3. DIFFERENCE (Line 1 minus 2)			
APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 1)}{(Line\ 3)}$			
<b>FINE AGGREGATE</b>		<b>UNITS (Grams)</b>	
MATERIAL PASSING NUMBER _____ SIEVE			
SAMPLE NUMBER _____			
4. WEIGHT OF OVEN - DRY MATERIAL			
5. WEIGHT OF FLASK FILLED WITH WATER AT 20°C			
6. SUM (Line 4 + 5)			
7. WEIGHT OF FLASK + AGGREGATE + WATER AT 20°C			
8. DIFFERENCE (Line 6 minus 7)			
APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 4)}{(Line\ 8)}$			
<b>FILLER</b>		<b>UNITS (Grams)</b>	
SAMPLE NUMBER _____			
9. WEIGHT OF OVEN - DRY MATERIAL			
10. WEIGHT OF FLASK FILLED WITH WATER AT 20°C			
11. SUM (Line 9 + 10)			
12. WEIGHT OF FLASK + AGGREGATE + WATER AT 20°C			
13. DIFFERENCE (Line 11 minus 12)			
APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 9)}{(Line\ 13)}$			
<b>BINDER</b>		<b>UNITS (Grams)</b>	
SAMPLE NUMBER _____			
14. WEIGHT OF PYCNOMETER FILLED WITH WATER			
15. WEIGHT OF EMPTY PYCNOMETER			
16. WEIGHT OF WATER (Line 14 minus 15)			
17. WEIGHT OF PYCNOMETER + BINDER			
18. WEIGHT OF BINDER (Line 17 minus 15)			
19. WEIGHT OF PYCNOMETER + BINDER + WATER TO FILL PYCNOMETER			
20. WEIGHT OF WATER TO FILL PYCNOMETER (Line 19 minus 17)			
21. WEIGHT OF WATER DISPLACED BY BINDER (Line 16 minus 20)			
APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 18)}{(Line\ 21)}$			
TECHNICIAN (Signature) _____		COMPUTED BY (Signature) _____	
		CHECKED BY (Signature) _____	