



14000 THUNDERBOLT PLACE  
 SUITE R  
 CHANTILLY, VA. 22021  
 703/471-8400  
 FAX/834-5527

# COMPRESSIVE STRENGTH TEST RESULTS FOR CORES - ASTM C-42-94

PROJECT: Dulles Airport Rad. W. Tunnel JOB#: 6053-B  
 CLIENT: FAX TO J.A. BLANCK DATE: 6/15/01

CORE NO.	DATE OBTAINED	TEST DATE	AGE OF CONC (DAYS)	DIAMETER (IN)	LENGTH UNCAPPED (IN)	LENGTH CAPPED (IN)	AREA (IN <sup>2</sup> )	LOAD (lbs)	COMPRESSIVE STRENGTH (psi)	LENGTH TO DIAMETER RATIO	CORRECTION FACTOR	CORRECTED COMPRESSION STRENGTH (psi)
#1 (A)		6/15	28 days	2.72	5.205	5.432	5.81	38510	6628	2.00	-	-
#1 (B)					5.185	5.445		44270	7620	2.00	-	-
#1 (C)					5.240	5.515		41590	7158	2.03	-	-
#2 (A)					3.870	4.01		33150	5706	1.47	.9589	5471
#2 (B)					3.980	4.210		35450	6101	1.55	.964	5881
#3 (A)					4.33	4.280		42020	7232	1.57	.9688	7006
#3 (B)					4.507	4.745		45260	7790	1.74	.9776	7615
#3 (C)					4.293	4.520		40430	6959	1.66	.9744	6781

AV 6790

TYPE OF CURING Moist  
 MOISTURE CONDITION AT TIME OF TESTING Moist  
 NOMINAL MAX. SIZE AGGREGATE N/A  
 DIRECTION OF LOAD APPLICATION VERTICAL  
 TO THE HORIZONTAL PLANE OF CONCRETE AS PLACED.  
 CORRECTION FACTOR APPLIED AS REQUIRED BY ASTM C42-90.

REMARKS: LAMINATED PANELS - 28 DAYS  
3-LAYERS - NO CURE

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 Jun. 18 2001 03:56AM P1