

Location of Gamma Measurement	Gross Gamma 1 cm above Surface CPS	Gross Gamma 10 cm above Surface CPS	Survey meter model		Room Bkgrnd CPS	Background Gamma 3' above Surface CPS	Test Surface Gamma Increase CPS	Ratio Surface Gross Gamma to Background
9/3 1.5"x1.5" Bicron NaI probe								
Crema Bordeaux unshielded probe	695	225	16		80	80	615	8.7 : 1
Crema Bordeaux shielded probe	460	130	16		30	32	428	14.4 : 1
Crema Bordeaux unshielded probe	402	144	12		60	60	342	6.7 : 1
Crema Bordeaux shielded probe	250	80	12		18	18	232	13.9 : 1
8/1 Model 3 w/ 44-10 probe	uR/hr				uR/hr	uR/hr	uR/hr	
Crema Bordeaux unshielded	62		3		7.0	7.0	55	8.9 : 1
Niagara Gold top unshielded	172		3		7.0	7.0	165	24.6 : 1
Niagara Gold bottom unshielded	160		3		7.0	7.0	153	22.9 : 1
Bordeaux unshielded	21		3		7.0	7.0	14.0	3.0 : 1
4 Seasons unshielded	58		3		7.0	7.0	51.0	8.0 : 1
Sample ID & size	Test type	Run time hrs	ΔRn	Sq Ft area		Rn Emanation pCi/Sq Ft/Hr	Contribution of 120 sq ft granite to indoor radon level in 2000 sq ft home w/ 0.10 ACH air exchange rate	
A Niagara Gold 12 x12	EP Flux	10.00	na	0.287		147.5		
B Crema Bordeaux 12 x 12	EP Flux	24.00	na	0.287		52.3		
C Bordeaux 12 x 12	EP Flux	24.00	na	0.287		47.6		
D 4 Seasons 12 x 12	EP Flux	24.00	na	0.287		12.4		
A Niagara Gold 12 x12	Flux Can	9.00	75.5	0.23		205.3		
A Niagara Gold 12 x12	Flux Can	5.50	48.3	0.23		194.7		
A Niagara Gold 12 x12	Flux Can	11.50	96.8	0.23		186.5		
A Niagra Gold 12 x 12 bottom	Flux Can	12.00	83.0	0.23		153.4		
B Crema Bordeaux 12 x 12	Flux Can	5.50	10.4	0.23		32.1		
C Bordeaux 12 x 12	Flux Can	5.75	34.1	0.23		131.5		
D 4 Seasons 12 x 12	Flux Can	5.00	26.0	0.23		22.6		
E Niagara Gold 3 x 3	Sm Em Cmb	88.00	465.0	0.26		123.3		
F Bordeaux 3 x 3	Sm Em Cmb	109.00	657.0	0.19		152.3		
G 4 Seasons 3 x 3	Sm Em Cmb	121.50	460.0	0.26		71.4		
A Niagara Gold 12 x12	Lrg Cmb	15.50	99.8	2.40		172.2		
B Crema Bordeaux 12 x 12	Lrg Cmb	24.00	46.4	1.90		67.0		
A Niagara Gold 12 x12	20 gal Cmb	41.00	212.0	2.40		161.6	0.40 pCi/l	

Gamma Radiation Scan Conducted Using Ludlum Model 16 Analyzer w/ Model 44-10 NaI Detector Calibrated 8/08

No FL DOH Protocol or Standard exists for the testing of natural stone surfaces

The Statistical Average Gamma Radiation for Florida is 6.8 µR/hr

Radon Testing Was Not Performed : FL DOH and EPA recommend all homes be tested for radon