

(200)
R290
no. 70-359

Table 7.--Summary of chemical analyses of marble samples from the Silgará Formation, North Santander

(Analyses made by Laboratorio Químico Nacional, Bogotá)

Bed or series No.	Thickness m	Sample No. INMINERO	-----Ranges of values and (median value ¹)-----					
			Losses 105-1000°C %	Insoluble residue %	Fe in Fe ₂ O ₃ %	Al in Al ₂ O ₃ %	Ca in CaCO ₃ %	Mg in MgCO ₃ %
Quebrada Chorreron, llo III-B, B-12 N. Central, Municipality of Mutiscua, North Santander:								
1	19.50	14034-14029	37.26-43.14 (42.60)	1.64-3.11 (2.82)	0.13-0.41 (0.24)	0.77-1.77 (0.89)	80.26-92.86 (89.11)	3.18-9.85 (5.72)
2	2.00	14028	33.28	21.64	1.12	2.86	64.30	10.04
3	2.00	14027	39.08	9.86	1.19	0.64	83.68	4.24
4	9.75	14026-14021	13.56-42.12 (36.35)	5.44-67.15 (16.68)	0.56-0.77 (0.63)	1.24-2.32 (1.54)	25.89-87.32 (69.82)	1.15-19.51 (4.24)
5	19.25	14020-14010	4.49-40.17 (36.14)	7.21-89.40 (16.46)	0.36-1.13 (0.57)	0.04-2.09 (0.39)	5.84-92.19 (73.03)	0-11.10 (4.28)
6	13.50	14009-14002	31.06-36.74 (33.84)	13.98-26.73 (19.61)	0.27-1.50 (0.81)	0.91-2.30 (1.78)	64.10-81.20 (72.58)	0.44-13.80 (4.09)
7	0.80	14001	24.63	34.71	1.72	5.89	51.36	8.36
% SO ₃ 0-0.25, ave. 0.04; % P ₂ O ₅ 0-0.28, ave. 0.07								
Quebrada Valegra, llo I-D, I-12 SW, Municipality of Mutiscua, North Santander:								
1	2.00	14050 14049	34.53 42.08	22.88 5.13	0.30 0.30	0.08 0.06	73.50 88.77	5.25 1.57
2	?	14048	18.44	54.90	0.44	0.83	42.87	2.09
3	4.00	14047 14046	26.34 25.03	39.16 44.12	0.46 0.51	0.49 0.86	56.98 47.03	2.09 5.75
4	0.35	14045	42.00	4.78	0.40	0.18	87.30	7.34
5	16.00	14044-14040	35.74-43.75 (42.90)	1.65-17.14 (4.18)	0.06-0.79 (0.09)	0.12-0.91 (0.13)	76.87-93.39 (92.50)	0.42-4.73 (2.72)
6	0.90	14039	38.26	11.75	0.67	0.58	85.89	0
7	1.00	14038	28.69	31.62	1.29	1.54	64.37	0.52
8	4.00	14037 14036 14035	38.08 42.65 38.82	12.37 2.61 10.79	0.56 0.23 0.24	0.92 0.66 1.12	82.32 91.87 84.28	3.09 3.68 3.03
% SO ₃ 0-0.06, ave. 0.01; % P ₂ O ₅ 0.01-0.07, ave. 0.04								
Quebrada Lorenzo, llo I-D, H-11 SE, Municipality of Mutiscua, North Santander:								
1	16.00	14059-14051	32.70-41.38 (38.93)	5.38-23.98 (10.90)	0.18-1.17 (0.29)	0-0.07 (0.01)	64.96-94.11 (81.30)	0-24.68 (0)
% SO ₃ 0-0.10, ave. 0.01; % P ₂ O ₅ 0-0.01, ave. 0								
Rio Mataperros, llo III-D, D-3 NE, Municipality of Silos, North Santander:								
		14183-14196	6.13-42.32 (34.50)	3.50-81.15 (8.11)	0.35-3.48 (1.05)	0.04-1.94 (0.23)	11.96-90.00 (78.21)	0-6.06 (1.38)
% SO ₃ 0-0.60, ave. 0.05; % P ₂ O ₅ 0-0.62, ave. 0.19								

¹ For series with more than 3 samples

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

