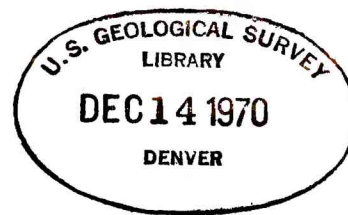


1000)
R290
70-359

Table 8.--Summary of chemical analyses of marble samples from the Diamante Formation on the west slope of Loma La Pileta above Río La Plata, llo I-D, G-12 N, Municipality of Mutiscua, North Santander.

(Analyses made by Laboratorio Químico Nacional, Bogotá)



Zone or bed No.	Thickness m	Sample No. INMINERO	-----Ranges of values and (median values ¹)-----					Ca in CaCO ₃ %	Mg in MgCO ₃ %
			Losses 105-1000°C %	Insoluble residue %	Fe in Fe ₂ O ₃ %	Al in Al ₂ O ₃ %			
1	26.0	14123	41.72	3.96	0.30	0.50	94.80	0	
		14122	41.18	4.54	0.28	0.21	95.59	0	
		14121	41.54	3.91	0.32	0.33	95.73	0	
2	30.0	14120	36.07	18.04	0.36	0.46	72.78	8.11	
		14119	40.23	12.64	0.32	0.37	58.21	28.21	
		14118	42.49	8.03	0.28	0.54	59.66	31.18	
3	42.0	14117-14114	40.96-42.33 (42.01)	1.83-4.22 (2.82)	0.14-0.39 (0.29)	0.06-1.82 (0.37)	93.12-97.14 (96.20)	0 (0)	
4	26.0	14113-14109	38.47-41.67 (39.81)	2.31-8.58 (5.91)	0.06-0.14 (0.13)	0.03-2.63 (1.44)	87.50-95.00 (90.44)	0 (0)	
5	14.0	14108	46.05	0.98	0.07	0.38	56.25	40.49	
		14107	44.00	3.53	0.11	0.49	63.39	31.12	
6	24.0	14106-14102	40.80-43.71 (42.36)	2.46-4.69 (3.41)	0.16-0.32 (0.20)	0.35-2.03 (0.56)	86.84-96.52 (93.92)	0-7.57 (0)	
7	28.0	14101-14096	40.21-42.32 (41.74)	2.80-7.50 (4.08)	0.03-0.89 (0.29)	0.25-1.01 (0.67)	90.60-95.46 (93.87)	0 (0)	
8	24.0	14095-14091	40.04-42.50 (41.47)	2.86-10.10 (5.28)	0.75-1.87 (0.96)	0.02-2.18 (1.05)	80.52-88.52 (85.62)	2.09-6.32 (5.38)	
9	28.0	14090-14084	40.44-43.73 (42.46)	2.38-9.70 (4.03)	0.14-0.91 (0.64)	0.38-2.83 (1.31)	81.78-93.21 (85.71)	0-7.28 (5.79)	
10	24.0	14083-14079	40.90-43.59 (43.34)	1.51-7.82 (2.30)	0.32-0.54 (0.45)	0.87-1.76 (0.91)	85.89-90.89 (88.21)	0-6.32 (4.75)	
11	30.0	14078-14074	41.59-44.16 (42.56)	1.89-4.92 (2.42)	0.29-1.63 (0.45)	0.02-1.33 (1.19)	83.75-94.46 (90.18)	1.59-8.43 (4.58)	
12	30.0	14073-14067	41.12-43.53 (43.05)	0.60-8.26 (2.45)	0.31-1.07 (0.60)	0.11-0.84 (0.42)	86.25-96.41 (91.82)	0.73-5.23 (1.88)	
13	36.0	14066-14062	41.63-43.71 (42.45)	0.57-3.19 (2.56)	0.16-0.67 (0.20)	0.34-1.54 (1.23)	93.84-97.16 (95.13)	0-0.63 (0)	
14	6.0	14061	44.57	3.23	0.28	0.97	61.54	33.67	
15	4.0	14060	42.27	3.62	0.20	0	95.89	0	

% SO₃ 0-0.61, ave. 0.06; % P₂O₅ 0-1.35, ave. 0.18

¹ For zones with more than three samples

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME