

# MATERIALS FROM MAYON VOLCANO.

Sample No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	K <sub>2</sub> O %	Na <sub>2</sub> O %	NH <sub>4</sub> Cl %	Loss on ignition SO <sub>3</sub> H <sub>2</sub> O % %	
1	----- NH <sub>4</sub> Cl only -----									
2	----- NH <sub>4</sub> Cl only, -----									
3	56.45	(Al <sub>2</sub> O <sub>3</sub> +Fe <sub>2</sub> O <sub>3</sub> )	26.45	10.40	3.10				0.67	2.51
4	53.76	12.53	19.23	13.85			0.25	Undetermined		
5										
6	54.57	8.50	17.07	3.20	Undetermined	5.24		11.42 (SO <sub>3</sub> )		
7	71.58	(Al <sub>2</sub> O <sub>3</sub> +Fe <sub>2</sub> O <sub>3</sub> )=1.59		1.10		24.73	Undeterm.	1.00	<del>1.00</del>	
8	58.60	(Al <sub>2</sub> O <sub>3</sub> +Fe <sub>2</sub> O <sub>3</sub> )=	23.1	12.1		2.70	Undeterm.	1.2	2.3	
9										
10	55.60	13.18	17.87	11.75	0.25	1.17	0.31			
11										
12	----- NH <sub>4</sub> Cl only, -----									
13	55.04		38.55	6.41						
14	54.74	34.45	0.77	7.38		Undetermined	2.66			
15		15.57		0.89		Undetermined	3.48		48.38	31.68

*J. del Rosario*