Environmental Exposure to Silica Dust and Health Effects

Raul Harari, Homero Harari, Susan Woskie, Fred Youngs, Dhimiter Bello, Susan Shepherd, Rocío Freire M., Gonzalo Albuja, Mauro Fierro, Roberto Billante









HE STUDY .-

RESULTS .-

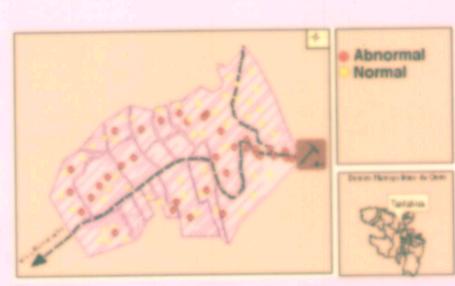
Table I

Sampling Area	CONCENTRATION ug/m3					
Tanlahua 1	214.18					
Tanlahua 2	35.24					
Tanlahua 3	141.98					
Tanlahua 4	231.14					
Tanlahua 5	89.79					
Tanlahua 6	610.26					
Tanlahua 7	142.41					
Tanlahua 8	40.97					

Table II

Sampling Area	CONCENTRATION ug/m3				
Santa Rosa 1	381.45				
Santa Rosa 2	126.63				
Santa Rosa 3	153.92				
Santa Rosa 4	98.90				

CONCLUSIONS.-





Santa Rosa



Table III

lable III										
Neighbourhood	Characteristics Normal and Abnormal	Total Population	Men	Women	Age Average	Exposure Duration Average	Smokers			
Tanlahua	Abormal	32	11	21	60,09	55,81	3			
Tanlahua	Normal	93	30	63	40,64	39,16	11			
Santa Rosa	Abormal	17	9	8	61	54,35	9			
Santa Rosa	Normal	26	7	19	38,15	35,19	3			
Rumicucho	Abormal .	12	4	8	51,5	21	3			
Rumicucho	Normal	93	31	62	35,27	17,94	29			
Atucucho	Abormal	3		3	69	18,92	0			
Atucucho	Normal	42	15	27	42,3	18,15	5			







