“Elementary, my dear Watson”

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Difficulty: Medium

																				1		1			
																			2		2	1	1	2	
																		1	2	1		3	2	3	1	1		1
																		1	1	1	4	4	1	4	4	4	4	4	1	1	1	3	1	5	1
																		5	3	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	4
												1	1	9	1	2	4	2	4	11	1	13	13	2	9	7	12	1	9	11	13
				1	1	3	1	1	1	7	11	5	13	13	5	8	11	5	1	8	5	2	1	3	10	9	1
						2	1	2	3	12	10	5	9	6	9	1	4	7	8	3	9	13	6	9	4	4	8
					1	1	10	1	5	7	8	3	6	10	5	8	6	1	2	13	4	2	7	3	13	1	10
2	1	9	1	2	1	2	6	13	4	9	11	3	8	10	4	4	5	9	5	1	3	3	6	3			
				2	2	1	12	8	8	12	1	2	11	7	1	9	6	2	5	11	7	10	13	3	2		
						2	8	6	7	6	7	11	10	4	7	2	6	5	8	12	10	12	8	11	5		
							0	10	11	12	10	12	4	6	2	10	12	2	10	4	4	11	6	2	1		
				9	1	1	1	3	11	5	12	9	12	8	6	11	10	3	9	12	3	13	2	3	1	7	
								15	13	7	8	7	11	8	12	7	3	5	6	9	5	4	13	3	10	12	

You are presented a postcard with a number grid, some of whose elements appear red. This is a classic nonogram or “griddler” logic puzzle with the addition of numbers at every grid location. Solving the nonogram gives:

																			1		1		
											2						2	1	1	2			
						1	2	1			1					3	2	3	1	1			1
						1	1	1	4	4	1	4	4	4	4	4	1	1	3	1	5		1
						5	3	2	2	2	2	2	2	2	2	2	1	2	1	2	2		4
				1	1	9	1	2	4	2	4	11	1	13	13	2	9	7	12	1	9	11	13
	1	1	3	1	1	1	7	11	5	13	13	5	8	11	5	1	8	5	2	1	3	10	9	1
			2	1	2	3	12	10	5	9	6	9	1	4	7	8	3	9	13	6	9	4	4	8
		1	1	10	1	5	7	8	3	6	10	5	8	6	1	2	13	4	2	7	3	13	1	10
2	1	9	1	2	1	2	6	13	4	9	11	3	8	10	4	4	5	9	5	1	3	3	6	3
			2	2	1	12	8	8	12	1	2	11	7	1	9	6	2	5	11	7	10	13	3	2
					2	8	6	7	6	7	11	10	4	7	2	6	5	8	12	10	12	8	11	5
						0	10	11	12	10	12	4	6	2	10	12	2	10	4	4	11	6	2	1
		9	1	1	1	3	11	5	12	9	12	8	6	11	10	3	9	12	3	13	2	3	1	7
						15	13	7	8	7	11	8	12	7	3	5	6	9	5	4	13	3	10	12

The nonogram shape matches the periodic table of the elements. Picking out the elements indicated by the highlighted red locations in order:

Neon Gallium Tellurium Yttrium Indium Silicon Lithium Calcium Phosphorus Oxygen Tungsten Dysprosium Erbium =>

Ne Ga Te Y In Si Li Ca P O W Dy Er =>

Negate Y In Silica Powdyer => removing the ‘y’ from ‘silica powdyer’ =>

The answer is Silica Powder.