

GPS datas of collected rock samples :

1 - Samples from possible Impact Structures in Southern-Spain

--> 3th trip to Southern-Spain

Sample No.	Photo of place of origin (X = yes)	coordinates of sample origin				precision of position	Height	collection date	Possible shock deform. features						comments		
		Latitude		Longitude					Breccia	Breccia with Mineral Glass	Ejecta-like appearance	Mineral Glass	Spherules	Shatter Cone Structures			
		deg.	minutes	deg.	minutes												
40-A	X	36°	49,799 N	2°	4,926 W	5 m	~400 m	27.10.2017	x	x						inside small elliptical Crater Ø 1.6 x 1.2 km	
40-B	X	36°	49,823 N	2°	5,035 W	8 m	360 m	↓	x	x						inside small elliptical Crater Ø 1.6 x 1.2 km	
40-C	X	36°	49,886 N	2°	4,888 W	10 m	384 m		x	x							inside small elliptical Crater Ø 1.6 x 1.2 km
41	X	36°	49,206 N	2°	3,567 W	5 m	61 m		x	x	x						
42	X	36°	49,803 N	2°	18,434 W	5 m	2 m		x								
43-A	X	36°	57,803 N	2°	23,902 W	5 m	492 m		x								
43-B	X	36°	57,779 N	2°	23,930 W	4 m	473 m		x								
44-A	X	37°	2,221 N	2°	10,319 W	25 m	530 m		x								
44-B	X	37°	1,579 N	2°	10,055 W	15 m	581 m										
45	X	36°	49,744 N	2°	2,299 W	20 m	117 m										
46	X	36°	51,259 N	2°	2,747 W	8 m	133 m										Rodalquier Mine
47	X	36°	52,825 N	2°	0,165 W	6 m	1 m		x	x							Playa de los negras
48	X	36°	57,356 N	1°	53,911 W	6 m	3 m		x	x							Playa de los muertos
49-A	X	37°	4,336 N	1°	52,980 W	5 m	490 m				x						display first showed latitude value 37° 04,426 --> then changed to 37° 04,336
49-B	X	37°	4,371 N	1°	52,855 W	8 m	468 m		x		x						
49-C	X	37°	4,357 N	1°	52,890 W	4 m	473 m		x								
50	X	37°	31,508 N	1°	28,925 W	6 m	272 m	x									
51	X	37°	34,821 N	0°	50,548 W	8 m	12 m	x									
52-A	X	37°	36,710 N	0°	44,649 W	5 m	32 m	x									
52-B	X	37°	36,504 N	0°	43,033 W	15 m	5 m	x	x		x						
53	X	37°	37,886 N	0°	41,670 W	20 m	4 m	31.10.2017	x			x				Capo da Palos	

assumed impact structures : one elliptical (secondary) crater Ø 1.6 x 1.2 km
Impact Structures consisting of Proterozoic- and Paleozoic rocks → rock samples