

GPS datas of collected rock samples :

1 - Samples from possible Impact Structures in Kalgoorlie Area West-Australia (south)

Sample No.	Photo of place of origin (X = yes)	coordinates of sample origin				precision of position	collection date	Possible shock deform. features						comments			
		Latitude		Longitude				Breccia	Breccia with Mineral Glass	Mineral Glass	Ejecta-like appearance	Spherules					
		deg.	minutes	deg.	minutes												
1-A	X	30°	59,934	S	120°	50,836	E	6 m	13.12.2013								
1-B		30°	59,925	S	120°	50,812	E	7 m	13.12.2013								
2	X	30°	54,591	S	121°	12,552	E	8 m	14.12.2013							close to sample site 1-A	
3	X	30°	55,115	S	121°	11,968	E	7 m		x							
4	X	30°	55,361	S	121°	11,702	E	30 m									
5	X	30°	55,529	S	121°	11,523	E	10 m									
6	X	30°	55,694	S	121°	11,411	E	5 m		x							
7	X	30°	56,739	S	121°	11,004	E	17 m		x							
8	X	30°	53,025	S	121°	15,375	E	5 m		x							
9	X	30°	53,103	S	121°	14,848	E	15 m		x							
10	X	30°	51,677	S	121°	13,596	E	12 m									
11	X	30°	51,786	S	121°	13,378	E	8 m									
12	X	30°	51,870	S	121°	13,267	E	7 m		x							
13	X	30°	52,004	S	121°	13,039	E	11 m									
14	X	No.14 not used !															
15	X	30°	50,984	S	121°	14,727	E	16 m									
16-A	X	30°	30,165	S	121°	22,880	E	20 m	15.12.2013	x	x						
16-B	X	30°	30,091	S	121°	22,976	E	8 m									
17	X	30°	30,024	S	121°	22,131	E	8 m		x							
18	X	30°	47,322	S	121°	30,106	E	15 m									
19	X	30°	50,455	S	121°	30,168	E	6 m	16.12.2013	x						Ore from Super Pit Mine Kalgoorlie	
20	X	30°	50,495	S	121°	30,160	E	6 m									
21	X	30°	50,865	S	121°	30,069	E	15 m		x	x					Pillow Lava Field (Mt Hunt)	
22	X	30°	51,082	S	121°	30,392	E	12 m									
23	X	30°	50,972	S	121°	30,716	E	18 m		x							
24	X	31°	0,975	S	121°	35,249	E	6 m	17.12.2013	x							
25	X	31°	4,484	S	121°	37,034	E	6 m		x							
26	X	31°	8,037	S	121°	37,337	E	7 m		x							
27	X	31°	8,356	S	121°	37,714	E	10 m		x							
28	X	31°	9,304	S	121°	37,887	E	7 m		x							
29	X	31°	11,595	S	121°	39,617	E	7 m	18.12.2013								
30-A	X	31°	10,485	S	121°	39,978	E	25 m		x	x						
30-B	X	31°	11,022	S	121°	39,876	E	10 m									
31	X	31°	11,047	S	121°	38,736	E	11 m		x	x						
32	X	31°	19,817	S	121°	30,808	E	16 m		x							
33	X	31°	27,613	S	121°	33,503	E	16 m		x	x						
34	X	31°	27,696	S	121°	33,307	E	5 m		x	x						
35	X	31°	28,730	S	121°	33,500	E	6 m		x	x						
36	X	31°	41,941	S	121°	40,762	E	8 m									
37	X	31°	42,406	S	121°	41,225	E	6 m		x	x						
38	X	31°	51,983	S	121°	38,526	E	7 m		x	x						
39	X	32°	2,656	S	121°	40,647	E	9 m		x	x						
40	X	32°	9,153	S	121°	43,697	E	8 m		x	x						
41	X	32°	7,919	S	121°	50,222	E	8 m	19.12.2013	x	x						
42	X	32°	6,731	S	121°	53,118	E	9 m		x							
43-A	X	32°	4,970	S	122°	1,661	E	15 m		x							
43-B	X	32°	4,879	S	122°	1,868	E	8 m		x	x						
44	X	32°	4,098	S	122°	7,943	E	19 m		x	x						
45	X	32°	3,392	S	122°	15,355	E	15 m		x	x						
46	X	32°	3,955	S	122°	24,120	E	10 m									
47	X	32°	4,225	S	122°	40,261	E	11 m									
48	X	32°	3,245	S	122°	43,396	E	6 m		x	x						
49	X	32°	2,307	S	122°	45,311	E	20 m		x	x						
50	X	32°	0,712	S	122°	47,863	E	20 m		x	x						
51		No. 51 not used !															
52	X	32°	2,532	S	122°	55,818	E			x	x						
53	X	32°	3,768	S	123°	1,084	E	15 m		x							
54	X	32°	3,329	S	123°	9,758	E	15 m		x							
55	X	32°	7,457	S	123°	10,561	E	7 m		x	x						
56	X	32°	7,680	S	123°	10,662	E			x							
57	X	31°	28,232	S	121°	32,572	E	12 m	20.12.2013	x							
58	X	31°	27,800	S	121°	32,762	E	10 m		x	x						
59	X	31°	26,832	S	121°	32,605	E	7 m		x	x						
60	X	31°	26,912	S	121°	32,496	E	12 m		x	x						
61	X	31°	26,960	S	121°	32,400	E	10 m									
62	X	31°	26,920	S	121°	32,357	E	15 m		x	x						
63	X	31°	18,176	S	121°	30,120	E	15 m	21.12.2013	x							
64	X	30°	58,885	S	121°	9,674	E	10 m	25.12.2013	x	x						
65	X	30°	58,843	S	121°	9,975	E	20 m	25.12.2013	x	x						