CASE REPORT FOR CLUSTER ANALYSIS (Jpeg File)

File Name: Kayak4.jpg

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This is a process to recover deleted Jpeg file using clustering analysis method

Data Run	VCN	Starting	Cps	Ending
1	LCN starting no	224581	8	224588
2	-212	224369	8	224376
3	-3600	220769	8	220776
4	-212	220557	8	220564
5	-204	220353	8	220360
6	-212	220141	8	220148
7	-212	219929	8	219936
8	2704	222633	4	222636
9	-1660	220973	4	220976
10	-8060	212913	4	212916
11	-12	212901	4	212904
12	-616	212285	4	212288
13	-12	212273	4	212276
14	1314	213587	1	213587

CALCULATION PART

Starting (24 bit header on 0x3108) =
45 6d 03 > 0x36d45 > 224581 (dec) --> +LCN = Next_Cluster
Ending = starting + reserved cluster – 1
Cps = Clusters per fragment

Run 1	224581	224588	
Run 2	224369	224376	
Run 3	220769	220776	
Run 4	220557	220564	
Run 5	220353	220360	
Run 6	220141	220148	
Run 7	219929	219936	WinHex > File Options
Run 8	222633	222636	(concatenate)
Run 9	220973	220976	
Run 10	212913	212916	
Run 11	212901	212904	
Run 12	212285	212288	
Run 13	212273	212276	
Run 14	213587	213587	