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DFR 1001
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Lab 1

The first thing I did was to make sure the USB was write blocked. I did this so no damage could be potentially done to the USB when analyzing the data. Here is a picture of the USB being write blocked.

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The USB Write Blocker is - ON

USB Write Blocker for ALL Windows by Securite Multi-Secteurs - Version 1.3

Start the write blocker before connecting the USB Flash Drive and do not
change the settings when a USB Flash Drive is connected.
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If you have any questions send an email to - support@securitemulti-secteurs.ca
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1. Enable the USB Write Blocker - ON
2. Disable the USB Write Blocker - OFF
3. Exit

Type the number and press Enter:
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The next step I took was to use FTK imager and analyze the data on the hard drive under e01 file. Here is the image of the data being analyzed in FTK imager. The results show the MD5 and SHA1 hash.

[-]	
Name	Lab1.E01
Sector count	983040
[-] MD5 Hash	
Computed hash	0b39b299f0d6b113e6ea1112775fa128
Stored verification hash	0b39b299f0d6b113e6ea1112775fa128
Report Hash	0b39b299f0d6b113e6ea1112775fa128
Verify result	Match
[-] SHA1 Hash	
Computed hash	4d9ca10fe5d527a0251ccea00dba103187d2558c
Stored verification hash	4d9ca10fe5d527a0251ccea00dba103187d2558c
Report Hash	4d9ca10fe5d527a0251ccea00dba103187d2558c
Verify result	Match
[-] Bad Sector List	
Bad sector(s)	No bad sectors found

Lastly I hashed the images using MD5summer and here are the results. It shows the MD5 hash of each image on the USB drive.

MD5sums: Generating...	
File	MD5 Hash
cat breeds.jpg	6e47144b10f4095de211f9d2c5f46b22
cat_kitten_cute.jpeg	3e794ebc792f076457fc23b5019ad3e
cats grass kittens tree trunk.jpg	d6eef436ab64e4e357f150f6d3a9f3b
cats-out.jpg	17ab200ca46b27420c024e9014c04e
Cute-3-cats.jpg	31339cfcc501d9cc5573b2f91155e67004
Cute-Cats-cats.jpg	20d3fda484aa2aa930e0cfa5f578f194
Cute-cats-cuddling-1.jpg	da886c4e2378b17778495f304fc0e4a0b
Cute-Cats.jpg	67f160c13543b1b1d5a9c200d4a20b42
Cute_cat.jpg	2e0b2057d00043c310432ca0944b410
Halloween-1.jpg	be4e508ce2cb7591e965d4345273aa7
lots-of-cats.jpg	a9ef2d8c0587077888e4d002b51a33b