









# IVIS Archive: In-Depth Description of Database

By: Nathan Beauchamp

# Archive Database: Introduction

- ▶ Hosted online on obivibase.com
  - ▶ Third party database system
- ▶ Split into 4 Sections
  - ▶ IVIS Archive: Samples
  - ▶ IVIS Archive: Books
  - ▶ IVIS Archive: CDs
  - ▶ IVIS Archive: Maps and Photos
- ▶ Databases separated into columns
  - ▶ ID#
  - ▶ Name
  - ▶ Storage location
  - ▶ Checked out

ID# ▾	Drawer Set/Ca... ▾	Column ▾	Sample Name ▾	Sample Images ▾	Location ▾	Researcher/Stu... ▾	Date ▾
S-382	A2	LS Col1	1	 × 	Part of Medicine ...	Mike Ramsey	--
S-380	A2	LS Col1	8	 × 	Part of Medicine ...	Mike Ramsey	--
S-389	A2	LS Col2	(9,32)	 × 	Part of Medicine ...	Mike Ramsey	7/14/1997

# IVIS Archive: Maps and Photos

## General Description

- ▶ Map and photo collection
- ▶ Primarily planetary
  - ▶ Mars
  - ▶ Moon
  - ▶ Terrestrial Moons

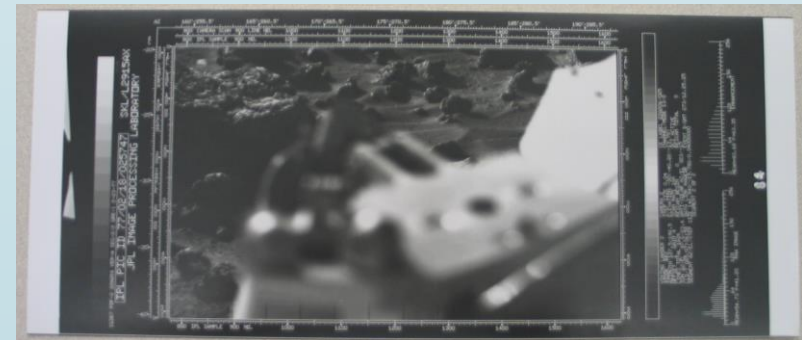
## Cabinet D1 to D10



## Headers

- ▶ Map ID
  - ▶ ID included with map
- ▶ Title
- ▶ Year Published
- ▶ Author if available
- ▶ Resolution
- ▶ Planet of origin
- ▶ Latitude and longitude
  - ▶ Top left and bottom right corner

## Sample Viking Lander 2 Image



# IVIS Archive: Books

## General Description

- Reference and Journal books
- Software manuals

## Shelves C and D



## Headers

- Title
- Year Published
- Author if available
- ISBN/ID Number
- Type
  - Journal
  - Book
  - Manual: computer software
- Subject
  - Planetary

# IVIS Archive: CDs

## General Description

- Archival data
  - Voyager
  - Mars Pathfinder
  - Magellan
  - Galileo
  - Clementine
  - 28-39<sup>th</sup> LPSC

## Headers

- Image type/number/location
- Mission/project
- Planet

Shelf E





# IVIS Archive: Samples

## General Description

- ▶ Separated into two types based on size and storage
  - ▶ Larger (rock) type samples
  - ▶ Fine particulate type samples

## Headers

- ▶ Sample Name
- ▶ General Location
- ▶ Date Collected
- ▶ Researcher/Collector

Cabinet J1 to J5



# Database Set-up

Opened Database Title

ID# separated in to three sections to facilitate accurate sorting

- ID# Original: Original format
- ID# Letter: Letter designation only
- ID#: Number designation only

Primary menu used to move between and add databases

IVIS Archive: Samples

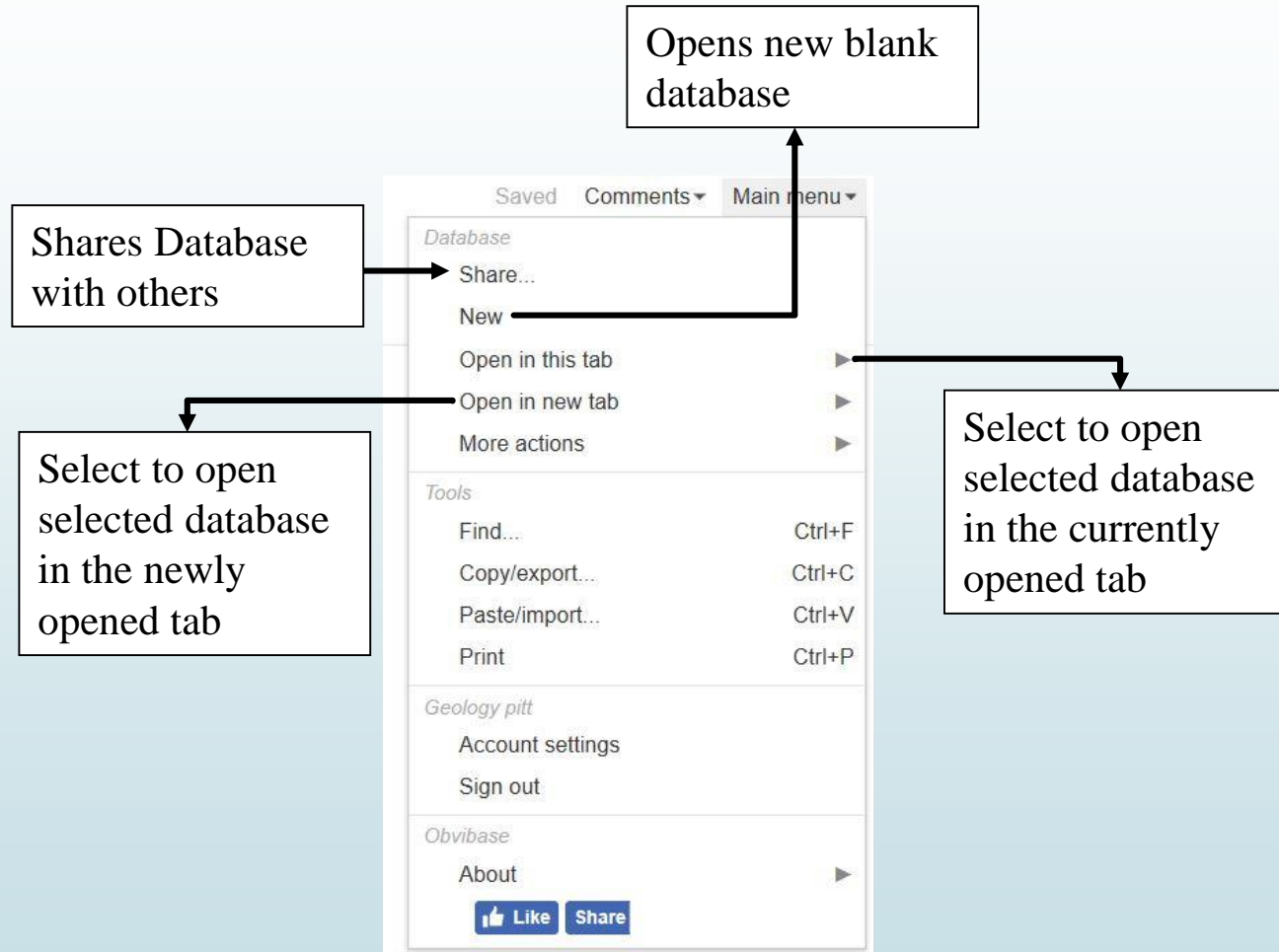
ID# Original	L	ID#	Draw...	Column	Sample Name	Sample Images	Location	Researcher/Stu...	Date	Composition	Quan...	Sample Size	Notes	Latitu...	Longi...	C
S-382	S-	382	A2	LS Col1	1	https://drive.g...	Part of Medicine ...	Mike Ramsey	--	--	3	2L and M	--	--	--	+
S-380	S-	380	A2	LS Col1	8	https://drive.g...	Part of Medicine ...	Mike Ramsey	--	--	2	2L	--	--	--	+
S-389	S-	389	A2	LS Col2	(9,32)	https://drive.g...	Part of Medicine ...	Mike Ramsey	7/14/1997	MLDF, Coarsely...	1	L	Medicine Lake D...	--	--	+
S-366	S-	366	A2	LS Col1	(7,13)	https://drive.g...	Part of Medicine ...	Mike Ramsey	7/14/1997	non-vesicular Ph...	2	L and M	Top of Chin?	--	--	+
S-388	S-	388	A2	LS Col2	(10,6)	https://drive.g...	Part of Medicine ...	Mike Ramsey	7/15/1997	MLDF dacite	1	M	Medicine Lake da...	--	--	+
S-369	S-	369	A2	LS Col2	(12,22)	https://drive.g...	Part of Medicine ...	Mike Ramsey	7/17/1997	Finely-vesiculate...	2	L and M	LGM Finely-vesic...	--	--	+
S-368	S-	368	A2	M	(14,14)	https://drive.g...	Part of Medicine ...	Mike Ramsey	7/17/1997	--	2	2M	Summit lava?; LGM	--	--	+
S-367	S-	367	A2	M	(16,3)	https://drive.g...	Part of Medicine ...	Mike Ramsey	7/18/1997	--	1	L	Crater glass inclu...	--	--	+
S-384	S-	384	A2	M	(17,9)	https://drive.g...	Part of Medicine ...	Mike Ramsey	7/20/1998	M. L. Dacite Flow	2	2L	--	--	--	+
S-372	S-	372	A2	M	20	https://drive.g...	Part of Medicine ...	Mike Ramsey	7/11/1993	Obsidian dome	3	2M and S	Obsidian dome	--	--	+
S-373	S-	373	A2	M	33	https://drive.g...	Part of Medicine ...	Mike Ramsey	--	--	1	XL	OB CG 715	--	--	+
S-860	S-	860	A2	M	UNS-860	https://drive.g...	Part of Medicine ...	--	--	Finely-vesiculate...	1	L	Unknown triangul...	--	--	+
S-374	S-	374	A2	RS	CVO CG (on rock)	https://drive.g...	Part of Medicine ...	Mike Ramsey	--	--	1	XL	--	--	--	+
S-375	S-	375	A2	RS	LGM FVP 1997?	https://drive.g...	Part of Medicine ...	Mike Ramsey	--	--	1	XL	Ac 2006	--	--	+
S-0	S-	0	A3	--	D1	https://drive.goog...	Part of Medicine ...	Unknown	1989	Dacite	3	L and 2M	Glass Mountain, ...	--	--	+
S-1	S-	1	A3	--	D2	https://drive.g...	Part of Medicine ...	Unknown	1989	Dacite, Basaltic A...	2	2M	Glass Mountain, ...	--	--	+
S-2	S-	2	A3	--	D3	https://drive.g...	Part of Medicine ...	Unknown	1989	Dacite	2	2M	Glass Mountain, ...	--	--	+
S-3	S-	3	A3	--	D4	https://drive.g...	Part of Medicine ...	Unknown	1989	Dacite and Pumice	1	S	Glass Mountain, ...	--	--	+
S-4	S-	4	A3	--	D6	https://drive.g...	Part of Medicine ...	Unknown	1989	Dacite Toe	2	2M	Glass Mountain, ...	--	--	+
S-5	S-	5	A3	--	D8	https://drive.g...	Part of Medicine ...	Unknown	1989	Dacite, Pumice	1	M	Glass Mountain, ...	--	--	+
S-6	S-	6	A3	--	D9	https://drive.g...	Part of Medicine ...	Unknown	1989	Dacite	2	S and L	Glass Mountain, ...	--	--	+
S-7	S-	7	A3	--	D10	https://drive.g...	Part of Medicine ...	Unknown	1989	Dacite	2	M and S	Glass Mountain, ...	--	--	+
S-8	S-	8	A3	--	D11	https://drive.g...	Part of Medicine ...	Unknown	1989	Finely-vesiculate...	4	2M and 2S	Glass Mountain, ...	--	--	+

1752 records.

Command button to add column or nested table to database

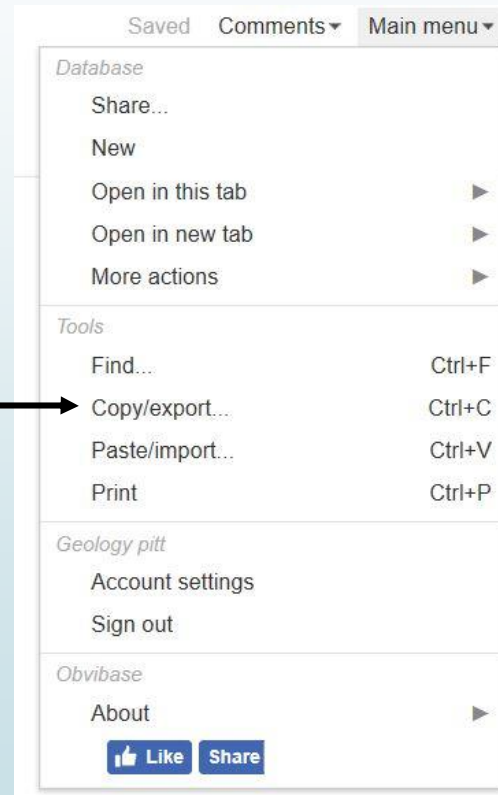
Command button to add record (row) to database

# Database Main Menu





# Database Main Menu



Copy database information or export database as a .csv file

Paste tab-separated data (such as spreadsheet data) or import data from a .csv file

# Database: More Actions

Creates exact copy of current database

Restores database to earlier version and undoing any previous changes

Deletes current database entirely

Restore...  
Duplicate database  
Delete database

Database  
Share...  
New  
Open in this tab  
Open in new tab  
More actions  
Tools  
Find... Ctrl+F  
Copy/export... Ctrl+C  
Paste/import... Ctrl+V  
Print Ctrl+P  
Geology pitt  
Account settings  
Sign out  
Obvibase  
About  
Like Share

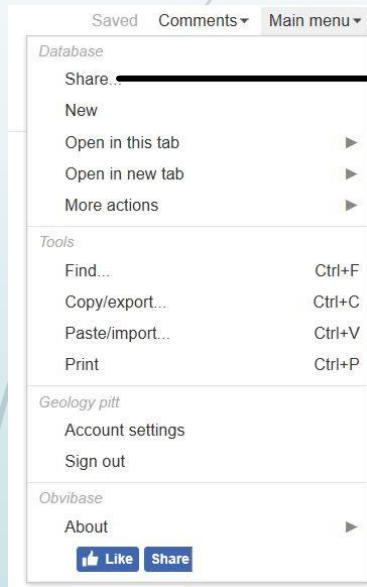
Revert edits up to and including:

Time	Size
Oct 5, 2019, 7:47:45 PM	
Oct 5, 2019, 7:47:39 PM	
Oct 4, 2019, 1:35:10 PM	
Oct 3, 2019, 8:53:23 PM	
Oct 3, 2019, 8:53:01 PM	
Oct 3, 2019, 8:52:09 PM	
Oct 3, 2019, 7:03:35 PM	
Oct 3, 2019, 7:03:33 PM	
Oct 3, 2019, 7:02:39 PM	
Oct 3, 2019, 7:02:32 PM	
Oct 3, 2019, 7:02:17 PM	
Oct 3, 2019, 4:46:04 PM	

The above list contains up to 100 latest edits. Click an edit above and then Restore. The older version will be restored as a new database. The currently open database will not be affected.

Restore Cancel

# Database: Share



## Public on the web?

No — [Publish](#)

When the database is public, it can be viewed (but not edited) by anybody without having to sign in. Users will see changes up to the time they've loaded the page.

## Link to share with **read-only** access:

<https://www.obvibase.com/#token/zjHm56ag13UD2arl/r/2fnW6jWdLQ3LE> click to highlight

When somebody opens this link, they will be asked to sign in and the database will be added to their Main menu. They will see changes in real time.

## Link to share with **read-write** access:

<https://www.obvibase.com/#token/zjHm56ag13UD2arl/rw/lumLL2TJ7TZs> click to highlight

This link will still work as a read-only link until you [upgrade](#) to Pro plan.

## Owner:

You ([change...](#))

## Link to change owner:

<https://www.obvibase.com/#token/zjHm56ag13UD2arl/o/7Zcpgjeau6EhL> click to highlight

Ownership will be transferred to the first user account under which the above link is opened.

- If you need to transfer ownership to another person, send this link to that person.
- If you need to transfer ownership to another account that you yourself use, copy the link, sign out, and open the link under the account that should be the new owner.

[Close](#)

Link provides access to read-only version of database

Link provides access to read-write version of database only if Pro (paid) plan used

Link used to transfer ownership of database

# Online Database

ID ▾	Date added ▾	ID# ▾	Drawer Set/Ca... ▾	Column ▾	Sample Name ▾	Location ▾
1	Jan 28, 2019	S-0	A1	--	D1	Glass Mountain, ...
2	Jan 28, 2019	S-1	A1	--	D2	Glass Mountain, ...
3	Jan 28, 2019	S-2	A1	--	D3	Glass Mountain, ...
4	Jan 28, 2019	S-3			D4	Glass Mountain, ...
5	Jan 28, 2019	S-4			D6	Glass Mountain, ...

► Search menu for each column

Sample Name ▾ Location ▾

Search

Apply

Sort (A-Z)

Sort (Z-A)

Settings...

Rename

Hide

Delete

Move ▶

Make same width as ▶

# IVIS Archive: Samples

IVIS Archive: Samples (10-18-19)

ID# Original	I.	ID#	Draw...	Column	Current Status	Sample Name	Sample Images	Location
S-374	S-	374	A2	RS	---	CVO CG (on rock)	https://drive.g...	Part of Medicine ...
S-375	S-	375	A2	RS	---	LGM FVP 1997?	https://drive.g...	Part of Medicine ...
S-0	S-	0	A3	---	---	D1	https://drive.goo...	Part of Medicine ...
S-1	S-	1	A3	---	---	D2	https://drive.g...	Part of Medicine ...
S-2	S-	2	A3	---	---	D3	https://drive.g...	Part of Medicine ...
S-3	S-	3	A3	---	---	D4	https://drive.g...	Part of Medicine ...
S-4	S-	4	A3	---	---	D6	https://drive.g...	Part of Medicine ...
S-5	S-	5	A3	---	---	D8	https://drive.g...	Part of Medicine ...
S-6	S-	6	A3	---	---	D9	https://drive.g...	Part of Medicine ...
S-7	S-	7	A3	---	---	D10	https://drive.g...	Part of Medicine ...
S-8	S-	8	A3	---	---	D11	https://drive.g...	Part of Medicine ...
S-9	S-	9	A3	---	---	RI	https://drive.g...	Part of Medicine ...
S-1621	S-	1,621	A3	---	---	Little Dome H	https://drive.g...	Part of Medicine ...
S-900	S-	900	A4	Col1	---	MLD 1	https://drive.g...	Part of Medicine ...
S-901	S-	901	A4	Col1	---	MLD 2	https://drive.g...	Part of Medicine ...
S-902	S-	902	A4	Col2	---	BGM 1	https://drive.g...	Part of Medicine ...
S-903	S-	903	A4	Col2	---	BGM 2	https://drive.g...	Part of Medicine ...
S-904	S-	904	A4	Col2	---	BGM 3	https://drive.g...	Part of Medicine ...
S-915	S-	915	A4	Col2	---	BGM 4	https://drive.g...	Part of Medicine ...
S-905	S-	905	A4	Col2	---	BGM 5	https://drive.g...	Part of Medicine ...
S-906	S-	906	A4	Col2	---	BGM 6A	https://drive.g...	Part of Medicine ...
S-899	S-	899	A4	Col2	---	BGM 6B	https://drive.g...	Part of Medicine ...

+ 1752 records.

## Sample storage location

- A1 to C7: Drawers in IVIS Lab (SRCC 500)
- J1 to K5: Drawers in IVIS Spectroscopy Lab (SRCC 522)
- CS1 to CS3: Fine particulate storage cases in IVIS Spectroscopy Lab (SRCC 522)

Indicates uploaded multiple images of sample

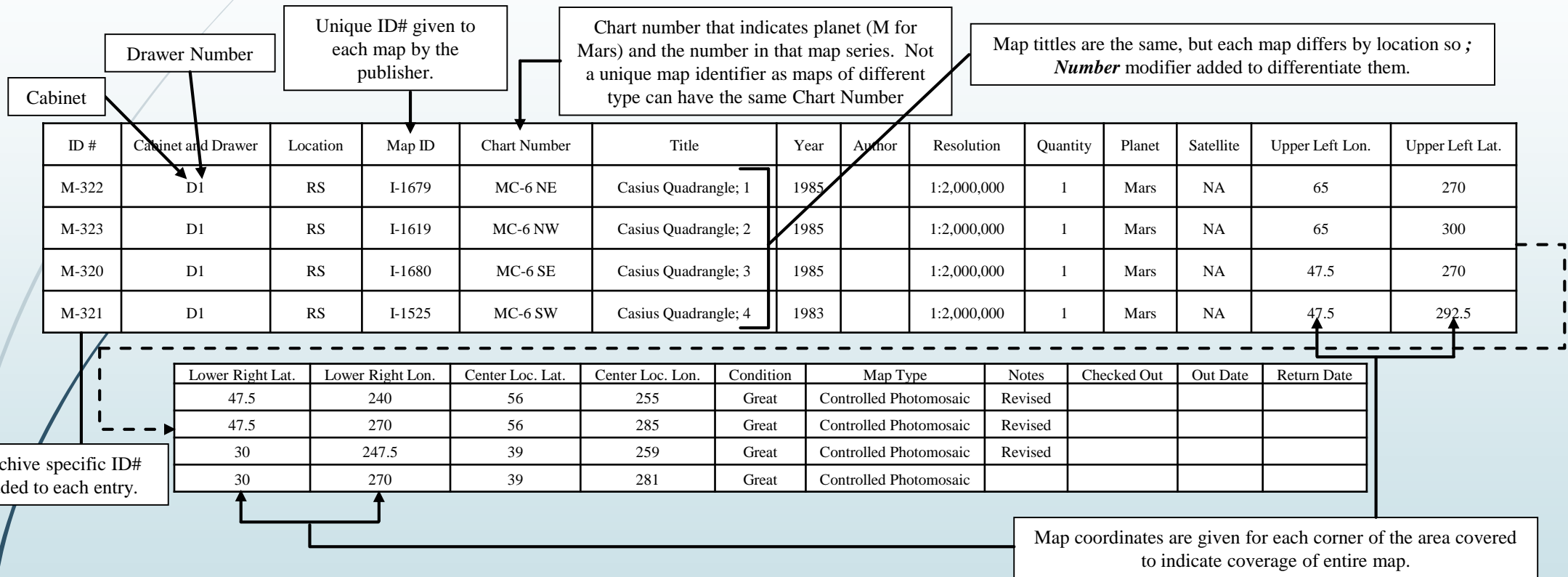
Indicates upload of a single image of a sample

Secondary storage location column that specifies where in the storage location the item is placed

- RS: right side of drawer
- M: middle of drawer
- LS: left side of drawer
- Col1 to Col3: Separates RS/M/LS section of drawer even further
- Shelf 1 to Shelf 6: Indicates shelf of storage case (CS1 to CS3)



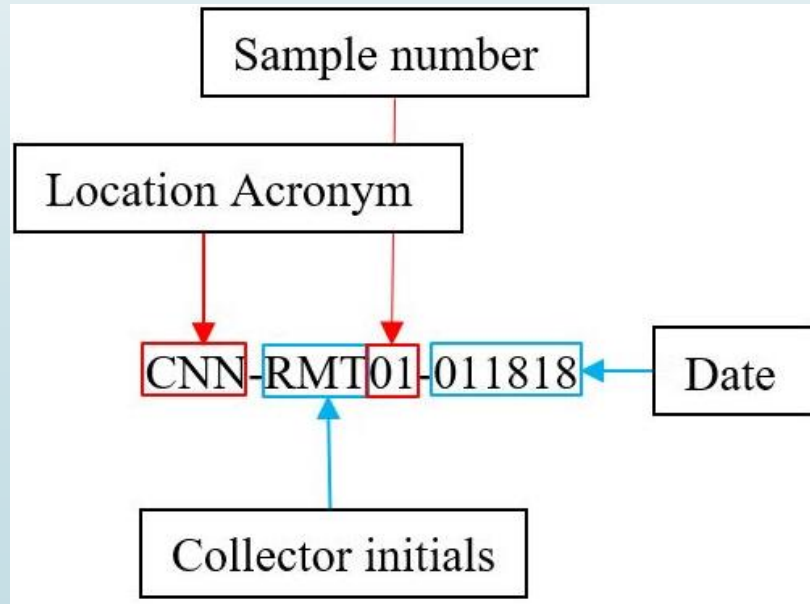
# IVIS Archive: Maps and Photos



# Using of the Archive

## Removing Items from Archive Storage

- ▶ Material removed must be recorded in Check Out Column
- ▶ Record User ID and Date
  - ▶ ndb46 (10-14-19)



## Adding Samples

- ▶ Add sample information to sample archive
  - ▶ Determine Sample ID#
  - ▶ Use standard sample name
- ▶ Record as much information as possible for future reference
- ▶ Take sample reference image

# Archive Updates: Manual entry

IVIS Archive: Samples

Saved Comments Main menu

ID#	Drawer Set/Ca...	Column	Sample Name	Sample Images	Location	Researcher/Stu...	Date	Composition	Quantity	Sample Size	Notes	Latitude
S-1001	Unknown	--	El Brujo Dome AS...		Santiaguito, Guat...	Daniel Williams	2011	Andesite	1	--	Provided by Dr J...	--
S-1002	Unknown	--	Mono Obsidian		Part of the Long ...	Daniel Williams	Unknown	Obsidian	1	Fragments >3 cm	Mono Inyo Dome...	--
S-1006	Unknown	--	2007 Santiaguito ...		Santiaguito, Guat...	Daniel Williams	3/8/2016	Andesite	1	6 cm	Potentially a dupli...	--
S-1779	--	--	--		--	--	--	--	--	--	--	--

1752 records.

Command button to add record (row) to database

Ensure ID# is the latest in the archive

Manually enter data into empty data entries



# Archive Updates: Digital Update 2

Saved Comments Main menu

*Database*

- Share...
- New
- Open in this tab ▶
- Open in new tab ▶
- More actions ▶

*Tools*

- Find... Ctrl+F
- Copy/export... Ctrl+C
- Paste/import... Ctrl+V
- Print Ctrl+P

*Geology pitt*

- Account settings
- Sign out

*Obvibase*

- About ▶

Like Share

Paste Import

Paste tab-separated data (for instance, that's the format when you copy cells in a spreadsheet) here:

Data includes headers.

[How can I paste or import data into a nested table?](#)

Next Cancel

Paste Import

Choose a .csv (comma-separated values) file to import:

Browse...

Data includes headers.

[How can I paste or import data into a nested table?](#)

Next Cancel