

# Working with WMS Data

## QGIS Tutorials and Tips



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# WMS □□□ □□

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□ □□□□□ USGS□□ □□□□ **Mineral Resources** □□□□ □□□ □□□□□.

□□□ □□: [MRDATA]

□□

1. QGIS□ □□□□□ □□ □□□ --> WMS□□□ □□ :menuselection: `Layer --> Add WMS Layer...` □ □□□.



2. □□□ Layers □□□ □□□□□ :guilabel: `New` □ □□□□□.



3. 00000 000 00000. 0000 000 000 00 WMS 0000 0000 00000000. 00000 000 000 00000 000 0 00 00 0000 00000. WMS 0000 0000 00 000 URL \*GetCapabilities\* 00 0000 URL 0 00000 00 WMS 000 0 00000 0000 000 000 000000 00 00000. 0 00000`MRDATA USGS` 00 0000 000 0000 GetCapabilities UR`<<http://mrdata.usgs.gov/services/ca?request=getcapabilities&service=WMS&version=1.1.1&>>`00000. :guilabel: `OK` 0 00000.



**Create a new WMS connection** ? X

Connection details

Name: MRDATA USGS

URL: <http://mrdata.usgs.gov/services/ca?request=getcapabilities&service=WMS&version=1.1.1&>

If the service requires basic authentication, enter a user name and optional password

User name:

Password:

Referer:

☐ Ignore GetMap URI reported in capabilities

☐ Ignore GetFeatureInfo URI reported in capabilities

☐ Ignore axis orientation (WMS 1.3/WMTS)

☐ Invert axis orientation

☐ Smooth pixmap transform

OK Cancel Help

4. □□, □□□□□ □□□ □□□ □□□□ □□□ □□ Connect □□□ □□□□□. □□□ □□□ □□ ID□□□  
□□ □□□□. ID`0` □□ □□□□ □□ □□□ □□□□□. □□ □□□□ □□□□□□, □□□  
:guilabel:`+` □□□□ □□□□ □□□ □□□ □ □□ □□□ □□ □□□□ □□□ □ □□□□. □  
□□□□□ □□□ `0` □□□□□□.



5. **Image encoding** options are available. The image encoding options are:

- **PNG** is a lossless image format. **JPEG** is a lossy image format. **TIFF** is a lossless image format. **PNG8** is a lossless image format. **PNG** is the default image format.
- **PNG** is a lossless image format. **JPEG** is a lossy image format. **TIFF** is a lossless image format. **PNG8** is a lossless image format. **PNG** is the default image format.
- **QGIS** is a lossless image format. **JPEG** is a lossy image format. **TIFF** is a lossless image format. **PNG8** is a lossless image format. **PNG** is the default image format.
- **QGIS** is a lossless image format. **JPEG** is a lossy image format. **TIFF** is a lossless image format. **PNG8** is a lossless image format. **PNG** is the default image format.

The image encoding options are: **JPEG**, **PNG**, **TIFF**, **PNG8**, **GIF**, **TIFF**. The image encoding options are: **JPEG**, **PNG**, **TIFF**, **PNG8**, **GIF**, **TIFF**.



6. QGIS 0000 0000 0000 00 0 0 00 0000. 00 00000 00/0 000 000 0 0000.  
WMS 0000 0000 000 00 00/00 000 0 000 000 000 000 0000 000  
00 0000 000 00 000 000. 000 000 0 00 000 00 000 00 0000 0000. 00  
000 0000 000000 00 00/000 000000 000 000 0 0000.



7. `guiLabel: 'Properties'` `guiIcon: 'properties'`. `guiLabel: 'Properties'` `guiIcon: 'properties'`.





Layer Properties - California\_Geology

General

Style

Transparency

Metadata

Metadata

Description

Title

Abstract

Keyword list

Format

Attribution

Title

Url

MetadataUrl

Url

Type

Format

Properties

Server Properties

Property	Value
WMS Version	1.1.1
Title	California_Geology
Abstract	
Keywords	
Online Resource	-
Contact Person	Robert M. Schweitzer

Restore Default Style

Save As Default

Load Style ...

Save Style ...

OK

Cancel

Apply

Help