

Working with WMS Data

QGIS Tutorials and Tips



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WMS □□□ □□

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

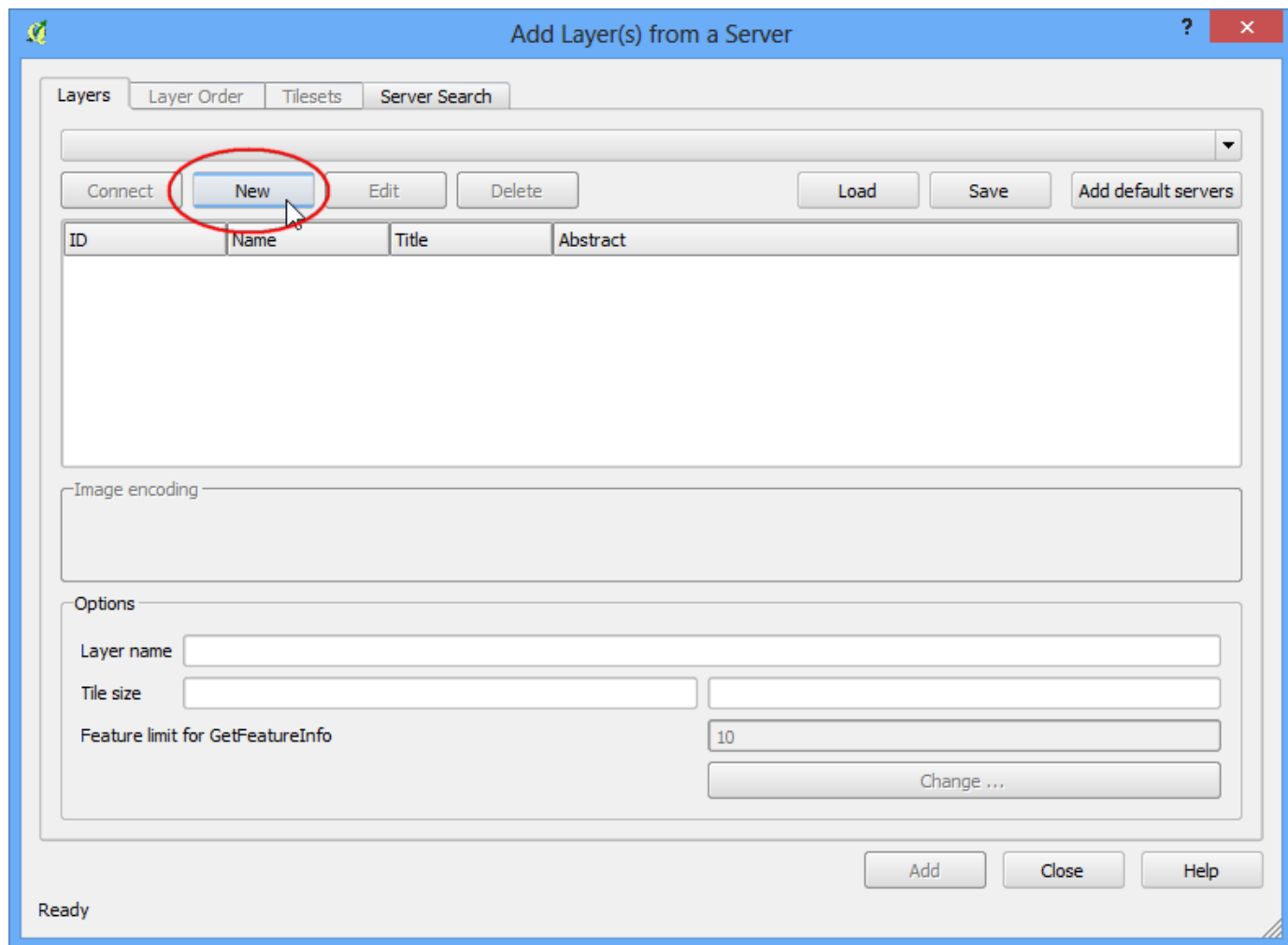
□□□ □□: [MRDATA]

□□

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

Connection details

Name: MRDATA USGS

URL: https://www.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. Click, then click **Connect** to connect. The ID field is empty. ID: 0. The :guilabel: + button is empty. The ID field is empty.



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

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 0000 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 0000000 00 00/000 000000 000 000 0 0000.



8. Properties Metadata WMS

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