

Calculating Line Lengths and Statistics

QGIS Tutorials and Tips



Author

Ujaval Gandhi

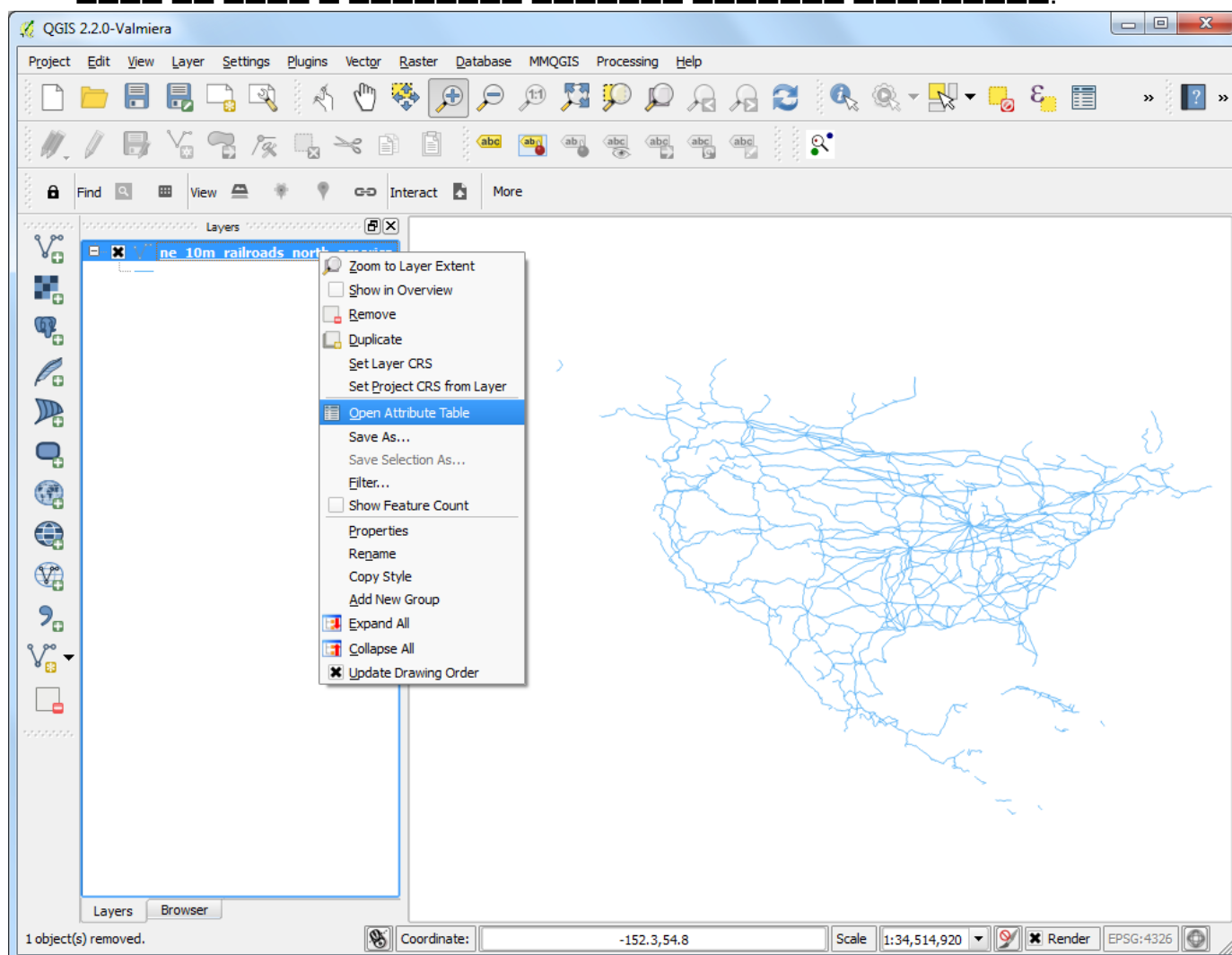
<http://google.com/+UjavalGandhi>

Translations by

Marina Pavlova Ilya Trofimov Fayçal Fatihi



4. [REDACTED], [REDACTED], [REDACTED]
 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]



5. ■ ■■■■■■ ■■■■ ■■■■ ■■■■■■■■ sov_a3. ■■■■ ■■■■■■■■■■■■■■ ■■■■ ■■■■■■■■, ■■■■■■■■ ■■■■■■■■■■■■■■ ■■■■■■■■. ■■■■ ■■■■■■ ■■■■■■■■■■■■■■ ■■■■ ■■■■■■■■, ■■■■■■ ■■■■■■■■■■■■■■ ■■■■■■■■, ■■■■■■■■■■■■■■ ■■■■.

Attribute table - ne_10m_railroads_north_america :: Features total: 1127, filtered: 1127, selected: 0

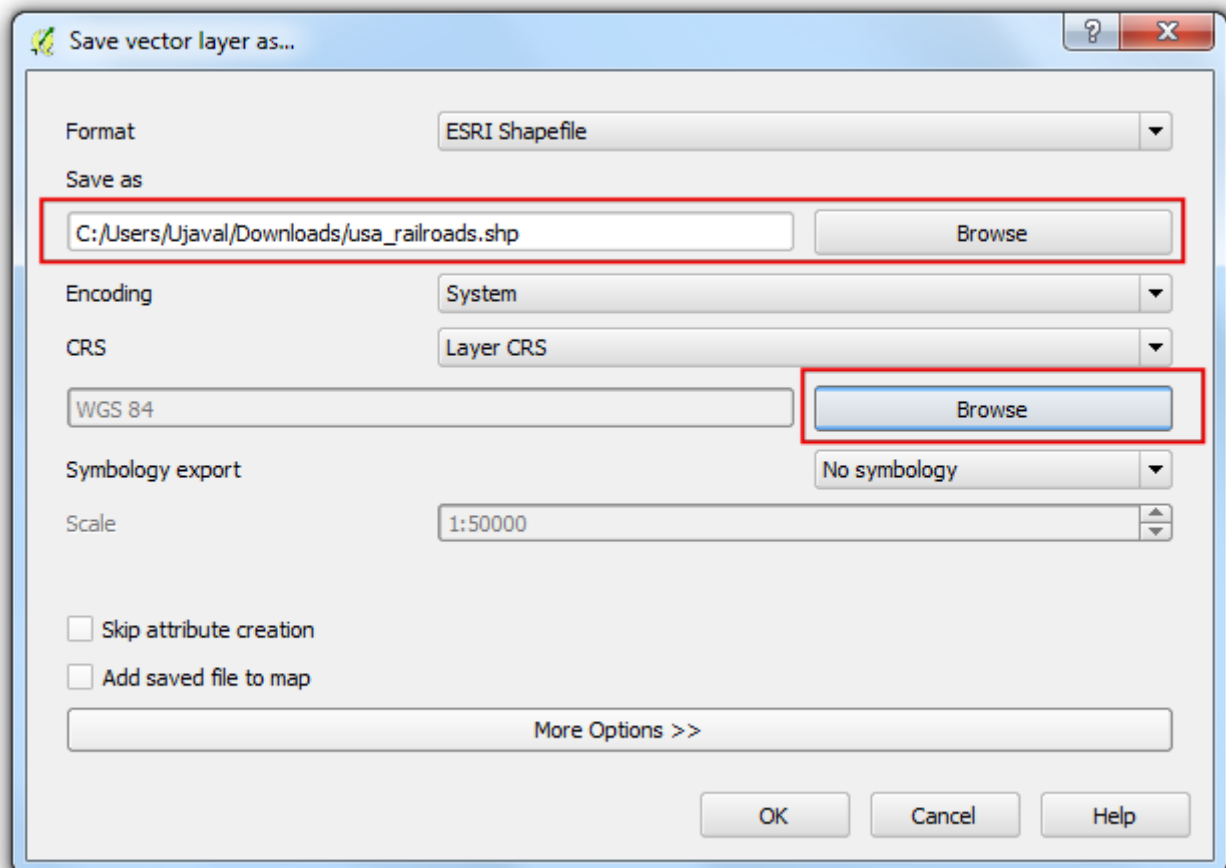
| | scalerank | featurecla | sov_a3 | uident | add | natrlscale | continent |
|----|-----------|------------|--------|--------|-----|------------|---------------|
| 0 | 8 | Railroad | USA | 1506 | 0 | 0 | North America |
| 1 | 9 | Railroad | USA | 1606 | 1 | 5 | North America |
| 2 | 8 | Railroad | USA | 1706 | 0 | 0 | North America |
| 3 | 8 | Railroad | USA | 1806 | 0 | 0 | North America |
| 4 | 8 | Railroad | USA | 1906 | 0 | 0 | North America |
| 5 | 8 | Railroad | USA | 2006 | 0 | 0 | North America |
| 6 | 8 | Railroad | USA | 2106 | 0 | 0 | North America |
| 7 | 9 | Railroad | USA | 2206 | 1 | 5 | North America |
| 8 | 8 | Railroad | USA | 2306 | 0 | 0 | North America |
| 9 | 8 | Railroad | USA | 2406 | 0 | 0 | North America |
| 10 | 8 | Railroad | USA | 2506 | 0 | 0 | North America |
| 11 | 8 | Railroad | USA | 2606 | 0 | 0 | North America |
| 12 | 8 | Railroad | USA | 2706 | 0 | 0 | North America |
| 13 | 8 | Railroad | USA | 2806 | 0 | 0 | North America |
| 14 | 9 | Railroad | USA | 2906 | 1 | 5 | North America |
| 15 | 9 | Railroad | USA | 3006 | 1 | 5 | North America |
| 16 | 8 | Railroad | USA | 3106 | 0 | 0 | North America |
| 17 | 8 | Railroad | USA | 3206 | 0 | 0 | North America |
| 18 | 8 | Railroad | USA | 3306 | 0 | 0 | North America |
| 19 | 8 | Railroad | USA | 3506 | 0 | 0 | North America |
| 20 | 8 | Railroad | USA | 3606 | 0 | 0 | North America |
| 21 | 8 | Railroad | USA | 3706 | 0 | 0 | North America |
| 22 | 8 | Railroad | USA | 3806 | 0 | 0 | North America |
| 23 | 9 | Railroad | USA | 3906 | 1 | 5 | North America |

Show All Features

6. ■ ■■■■ ■■■■■■■■ ■■■■■■■■■■■■■■ ■■■■■■■■ ■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■■■ ■■■■■■■■■■■■■■.

The screenshot displays the QGIS 2.2.0-Valmiera desktop application. The main map window shows a geographical area of North America, overlaid with a dense network of yellow lines representing a road or railway network. A few blue lines are also visible, likely representing water bodies. On the left side, the 'Layers' panel is open, showing a single layer named 'ne_10m_railroads_north_america'. The top of the window features a menu bar with options: Project, Edit, View, Layer, Settings, Plugins, Vector, Raster, Database, MMQGIS, Processing, and Help. Below the menu bar is a toolbar with various icons for map navigation and editing. At the bottom, the status bar provides information: 'Coordinate: -151.9, 25.7', 'Scale: 1:34,514,920', and 'EPSG:4326'.

```
9. ne_10m_railroads_north_america
```

11. ■■■■ ■■■■ ■■■■ ■■■■ ■■■■ ■■■■, ■■■■ ■■■■ ■■■■ ■■■■ ■■■■ ■■■■. ■■■■ ■■■■ ■■■■ ■■■■. ■■■■ ■■■■ north america equ ■ ■■■■ ■■■■. ■ ■■■■ ■■■■ ■■■■ ■■■■ ■■■■ ■■■■ North_America_Equidistant_Conic EPSG:102010 ■ ■■■■ ■■■■ ■■■■. ■■■■ ■■■■ ■■■■.



12. ■ Save ■■■■■■■■■■ ■■■■, ■■■■... ■■■■■■■■■■, ■■■■■■■■■■ Add ■■■■■■■■■■ ■■■■, ■■■■■■■■■■ ■■■■■■■■■■ ■■ ■■■■■■■■■■ ■ ■■■■■■■■■■ OK.



14. ■■■■■■■■ ■■■■■■■■ ■■■■■■■■ ■■ ■■■■ usa_railroads ■ ■■■■■■■■ Open
■■■■■■■■ ■■■■■■■■.



17. **Attribute**, **Toggle**, **length_km**

Basics statistics

Input Vector Layer
usa_railroads

☐ Use only selected features

Target field
length_km

Statistics output

| Parameter | Value |
|-------------------------|----------------|
| Mean | 127.751569149 |
| StdDev | 125.80562595 |
| Sum | 96069.18 |
| Min | 0.01 |
| Max | 936.6 |
| N | 752.0 |
| CV | 0.984767755... |
| Number of unique values | 743 |

Press Ctrl+C to copy results to the clipboard

0% OK Close