## Calculating Line Lengths and Statistics

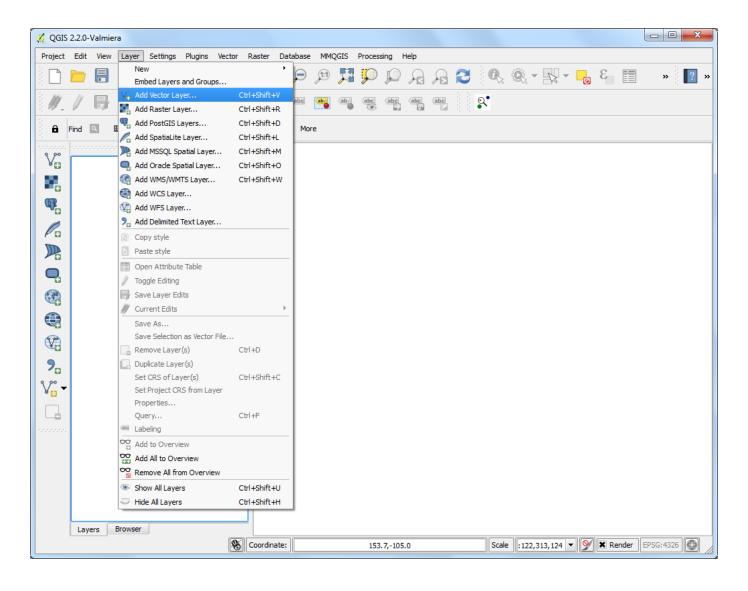
## **QGIS** Tutorials and Tips



Author
Ujaval Gandhi
http://google.com/+UjavalGandhi

Translations by
Marina Pavlova Ilya Trofimov Fayçal Fatihi

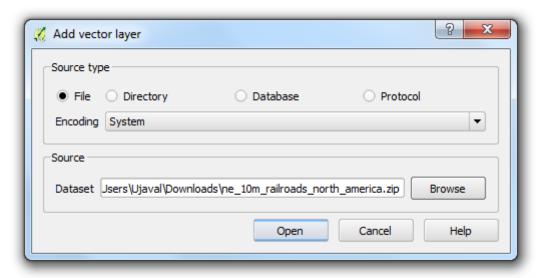


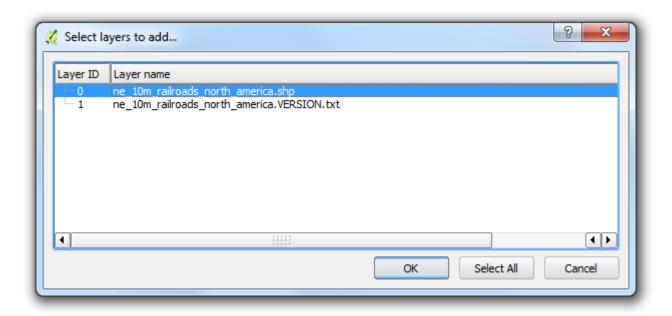


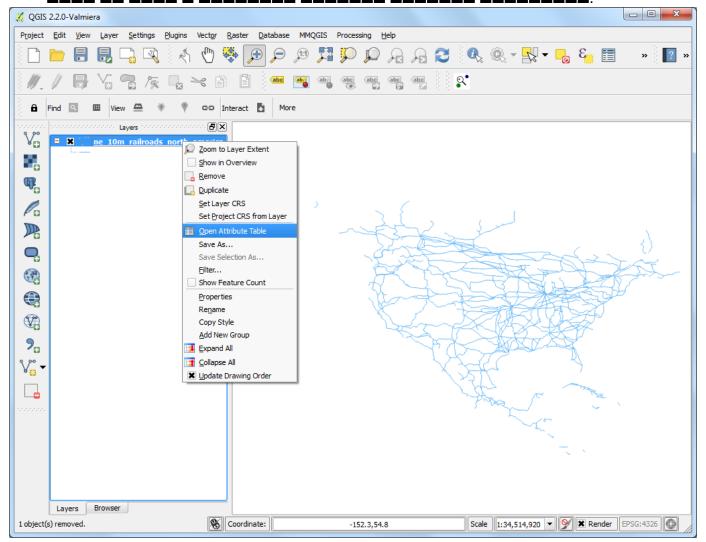
2. 

2. 

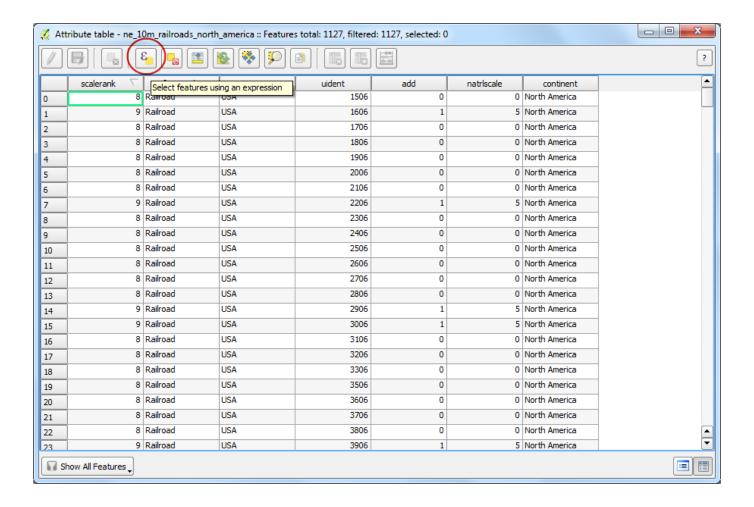
10 m\_railroads\_north\_america.zip



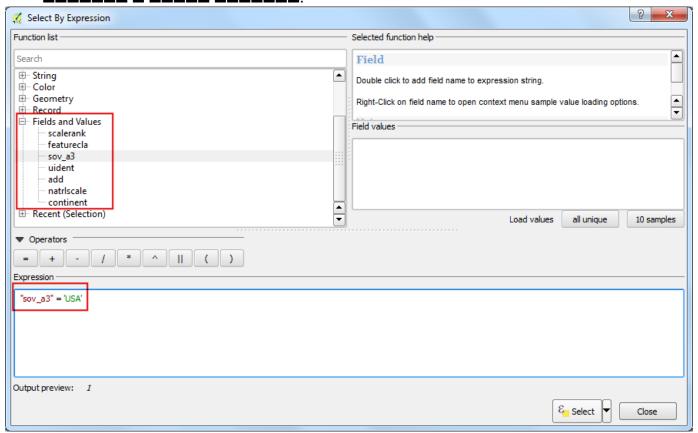




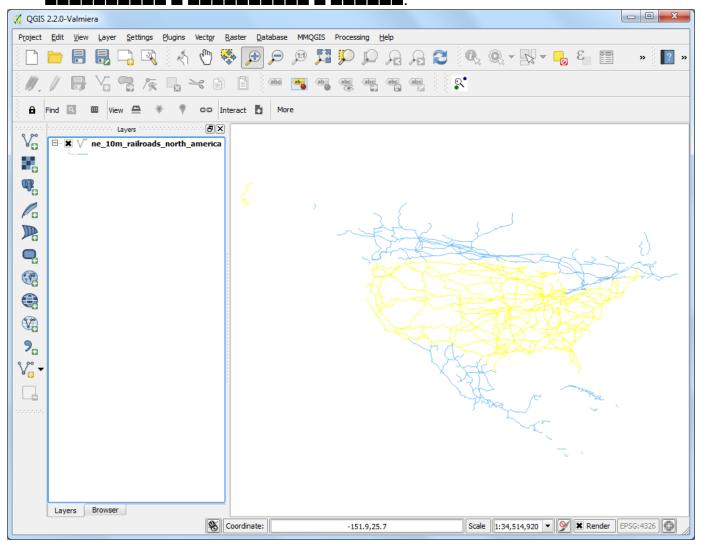
🔏 Attribute table - ne\_10m\_railroads\_north\_america :: Features total: 1127, filtered: 1127, selected: 0 \*\* 30 ? 8 - 23 ♠ scalerank featureda sov\_a3 uident add natriscale continent 8 Railroad USA 1506 0 0 North America 0 9 Railroad USA 1606 1 5 North America 1 8 Railroad USA 1706 0 0 North America 2 8 Railroad USA 1806 0 0 North America 3 8 Railroad USA 1906 0 0 North America 4 8 Railroad USA 2006 0 0 North America 5 8 Railroad USA 2106 0 0 North America 6 9 Railroad USA 2206 5 North America 1 7 8 Railroad USA 2306 0 0 North America 8 8 Railroad 0 North America USA 2406 0 9 8 Railroad USA 2506 0 0 North America 10 8 Railroad USA 2606 0 0 North America 11 8 Railroad USA 0 North America 12 2706 0 USA 13 8 Railroad 2806 0 0 North America 9 Railroad USA 2906 1 5 North America 14 9 Railroad USA 3006 1 5 North America 15 8 Railroad USA 3106 0 0 North America 16 0 North America 8 Railroad USA 3206 0 17 8 Railroad USA 3306 0 0 North America 18 8 Railroad USA 3506 0 0 North America 19 8 Railroad USA 3606 0 0 North America 20 8 Railroad USA 3706 0 0 North America 21 8 Railroad USA 3806 0 0 North America **\*** 22 9 Railroad USA 3906 5 North America 1 23 Show All Features



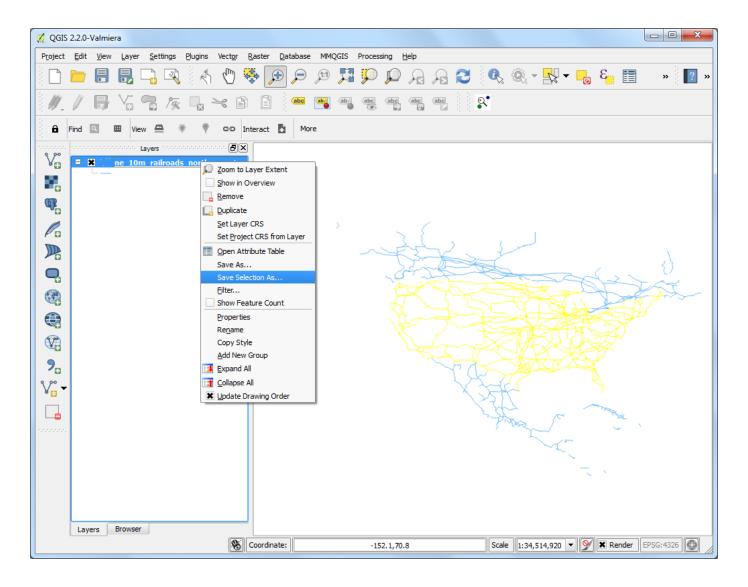
7. Sov\_a3 Sov\_a3



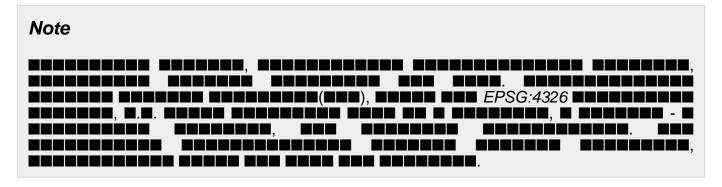
8. **I III III III QGIS III III III III III III III III III** III II

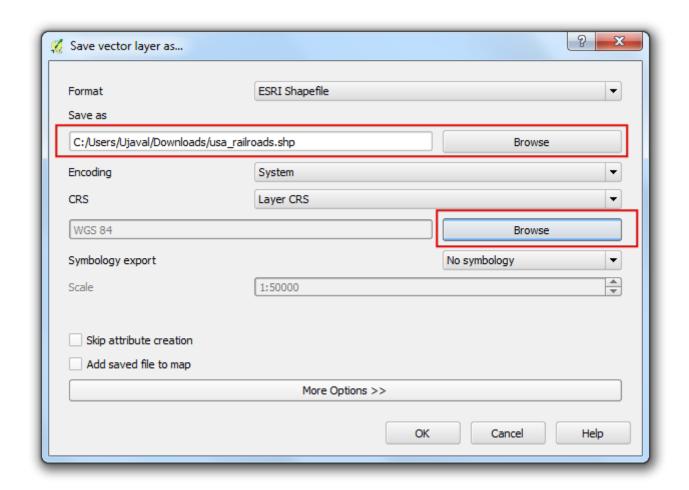


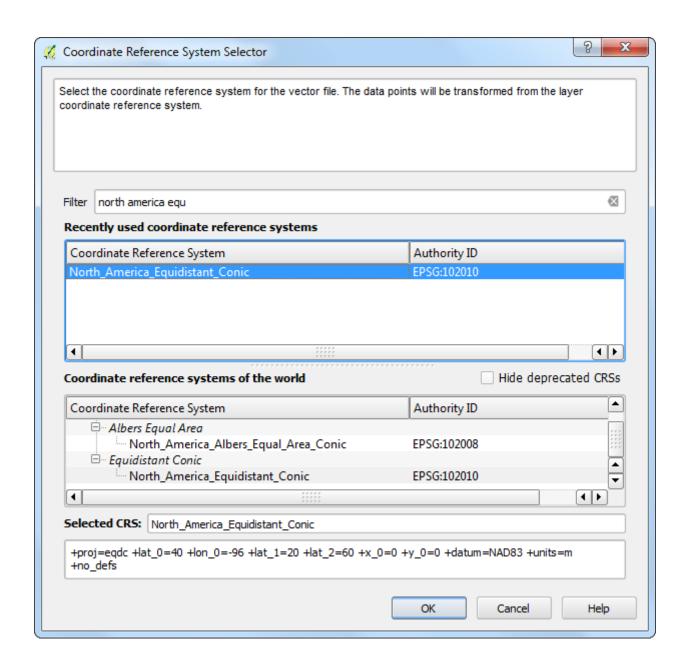
9. MANAGE MANAGE

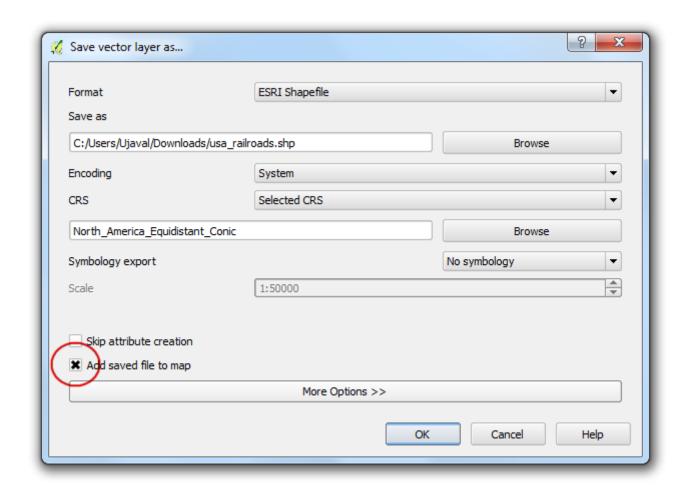


10.

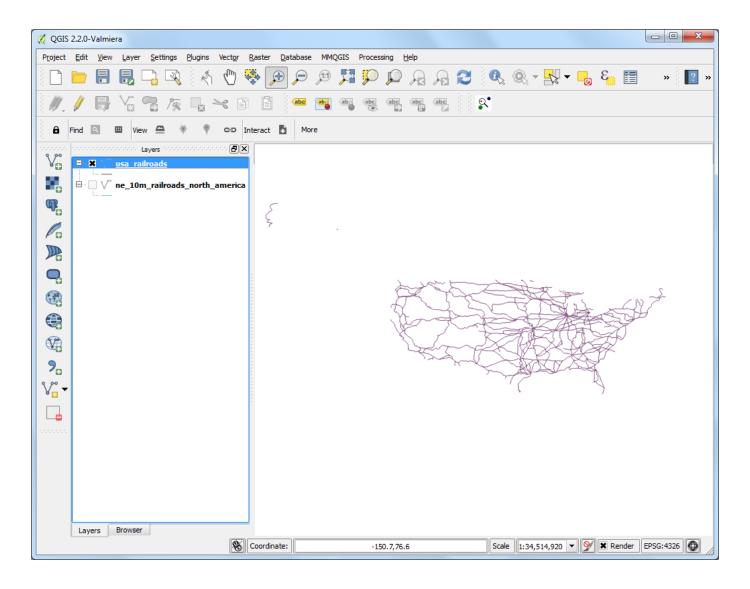








13. IN THE STATE OF THE STATE O



14. 

14. 

15. 

16. 

16. 

17. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

18. 

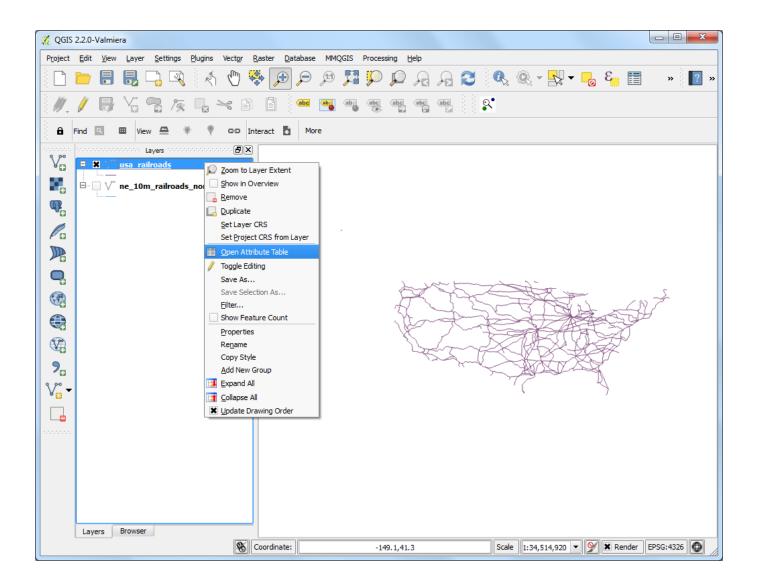
18. 

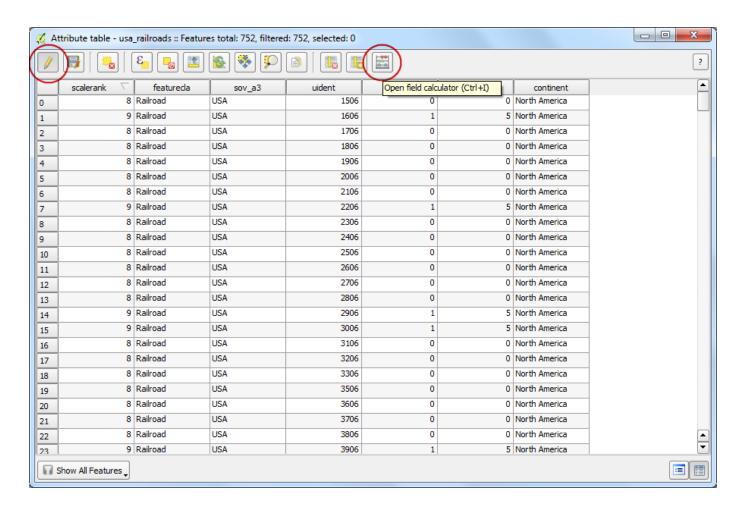
18. 

18. 

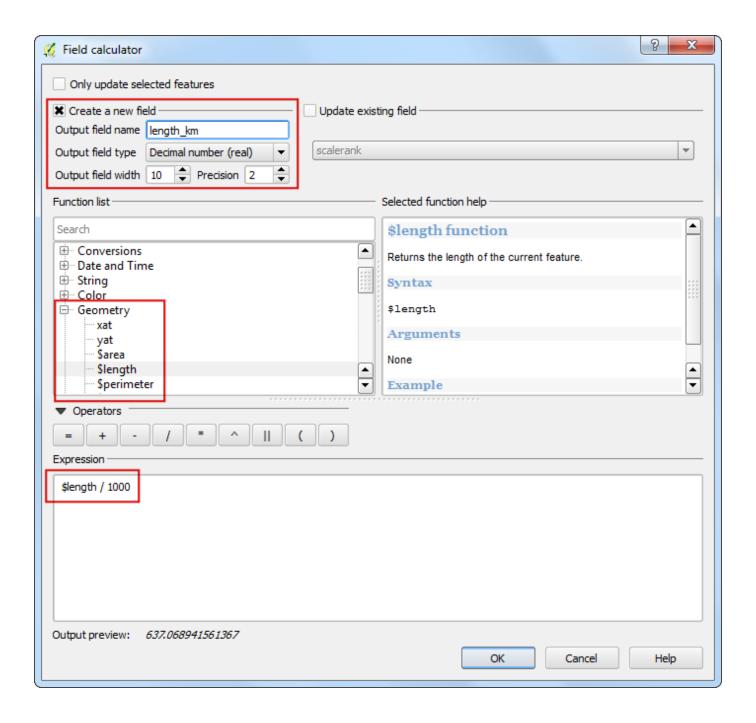
18. 

18.



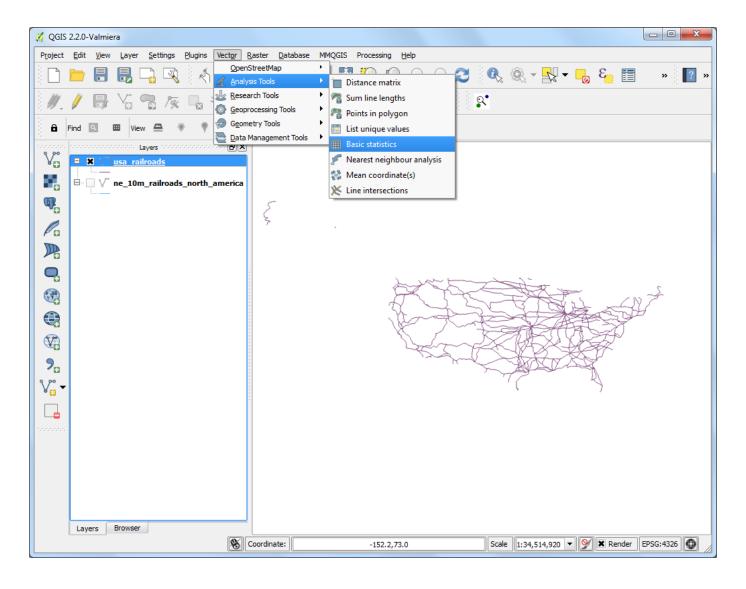


16. Field MANAGEMENT, check Create MANAGEMENT. MANAGEMENT length\_km MANAGEMENT output MANAGEMENT. MANAGEMENT Decimal MANAGEMENT (MANAGEMENT) \*\* MANAGEMENT Output :guilabel: Precision` MANAGEMENT. MANAGEMENT Output :guilabel: Precision` MANAGEMENT. MANAGEMENT



<b>7</b> ):		ε <sub>11</sub> [3]	<b>&amp; %</b>					
s	calerank $ abla$	featurecla	sov_a3	uident	add	natriscale	continent	length_km
	8	Railroad	USA	1506	0	0	North America	637.07
	9	Railroad	USA	1606	1	5	North America	16.27
	8	Railroad	USA	1706	0	0	North America	96.22
3	8	Railroad	USA	1806	0	0	North America	20.15
+	8	Railroad	USA	1906	0	0	North America	0.01
5	8	Railroad	USA	2006	0	0	North America	79.95
5	8	Railroad	USA	2106	0	0	North America	67.00
7	9	Railroad	USA	2206	1	5	North America	196.45
3	8	Railroad	USA	2306	0	0	North America	60.61
9	8	Railroad	USA	2406	0	0	North America	20.03
10	8	Railroad	USA	2506	0		North America	147.21
11	8	Railroad	USA	2606	0	0	North America	68.33
12	8	Railroad	USA	2706	0	0	North America	1.62
13	8	Railroad	USA	2806	0	0	North America	4.34
14	9	Railroad	USA	2906	1	5	North America	60.92
15	9	Railroad	USA	3006	1	5	North America	157.26
16	8	Railroad	USA	3106	0	0	North America	131.39
17		Railroad	USA	3206	0		North America	58.84
18		Railroad	USA	3306	0		North America	432.74
19		Railroad	USA	3506	0		North America	29.55
20		Railroad	USA	3606	0	_	North America	94.90
21		Railroad	USA	3706	0		North America	577.78
22	8	Railroad	USA	3806	0	0	North America	223.04
23	9	Railroad	USA	3906	1	5	North America	143.94

18. Harmon, Harmon and Harmon Harmon



19. Input In

