Confusion Matrix

ground truth \ prediction	Low Veg. (0) 9,102,658 / 15.9%	Imp. Surface (1) 4,777,488 / 8.4%	Vehicle (2) 355,662 / 0.6%	Urban Furn. (3) 1,361,625 / 2.4%	Roof (4) 3,238,837 / 5.7%	Facade (5) 1,995,291 / 3.5%	Shrub (6) 1,503,062 / 2.6%	Tree (7) 7,361,622 / 12.9%	Soil / Gravel (8) 3,314,333 / 5.8%	Vertical (9) 1,643,550 / 2.9%	Chimney (10) 46,289 / 0.1%	Ignore (11) 0 / 0.0%	recall
Low Veg. (0) 9,010,231 / 15.8%	92.2%	2.6%	0.0% 1,427	1.3%	0.4% 33,908	0.3% 30,145	2.1%	0.1% 9,886	0.6% 53,930	0.4% 35,410	0.0% 0	0.0% 0	92.2%
Imp. Surface (1) 4,844,453 / 8.5%	5.1%	90.4%	0.2% 8,193	0.9% 44,056	0.6% 27,133	1.3% 62,044	0.1% 6,315	0.0% 543	0.4% 21,572	0.9% 45,710	0.0% 62	0.0% 0	90.4%
Vehicle (2) 296,503 / 0.5%	0.0% 44	0.3% 791	95.6%	3.1% 9,110	0.5% 1,502	0.1% 344	0.0% 96	0.0% 127	0.3% 999	0.0% 4	0.0% 0	0.0% 0	95.6%
Urban Furn. (3) 1,249,454 / 2.2%	3.4% 42,649	1.9% 23,226	2.5% 31,664	76.6%	1.3% 16,809	4.2% 52,593	6.8% 85,168	2.0% 25,413	0.2% 2,883	0.9% 11,576	0.0% 583	0.0% 0	76.6%
Roof (4) 3,280,223 / 5.7%	0.4% 13,518	0.3% 8,627	0.5% 17,679	0.8% 27,384	94.7%	2.4% 77,601	0.1% 3,982	0.4% 11,541	0.0% 980	0.0% 1,067	0.3% 11,388	0.0% 0	94.7%
Facade (5) 1,861,652 / 3.3%	0.5% 8,505	0.6% 10,745	0.1% 1,777	3.0% 55,131	1.9% 35,987	92.6%	0.4% 6,935	0.3% 5,616	0.0% 1	0.4% 6,945	0.3% 5,598	0.0% 0	92.6%
Shrub (6) 976,341 / 1.7%	4.3% 42,143	0.2% 1,803	0.0% 332	8.2% 79,774	0.2% 2,312	1.0% 9,567	78.0%	7.1% 68,933	0.0% 144	0.9% 9,187	0.0% 125	0.0% 0	78.0%
Tree (7) 7,747,924 / 13.6%	0.2% 15,759	0.0% 144	0.1% 4,806	0.6% 49,145	0.1% 4,138	0.1% 7,396	5.3%	93.3%	0.0% 679	0.3% 26,716	0.0% 2,215	0.0% 0	93.3%
Soil / Gravel (8) 3,763,836 / 6.6%	10.5%	2.8%	0.2% 6,242	0.2% 9,078	0.2% 9,031	0.0% 496	0.1% 2,293	0.0% 116	85.9%	0.0% 259	0.0% 0	0.0% 0	85.9%
Vertical (9) 1,642,709 / 2.9%	1.9% 31,546	0.9% 14,207	0.0% 56	0.6% 9,846	0.1% 908	1.9% 30,654	2.3% 38,405	0.6% 9,774	0.0% 637	91.7%	0.0% 0	0.0% 0	91.7%
Chimney (10) 27,091 / 0.0%	0.0% 0	0.0% 0	0.0% 0	0.0% 4	2.4% 653	0.1% 39	0.0% 13	0.2% 64	0.0% 0	0.0% 0	97.1% 26,318	0.0% 0	97.1% 26,318
Ignore* (11) 22,443,262 / 39.3%	20.1%	2.7%	0.6%	1.8%	4.5%	5.4%	4.3%	55.5%	3.6%	1.6%	0.1% 13,725	0.0% 0	0.0% 0
precision	91.2%	91.7%	79.7%	70.3%	95.9%	86.4%	50.7%	98.2%	97.5%	91.7%	56.9% 26,318	nan% 0	90.8%
F1 μ=85.4%	91.7%	91.0%	86.9%	73.3%	95.3%	89.4%	61.5%	95.7%	91.3%	91.7%	71.7%	nan%	