


# Lab 1- Part A: Satellite Image Interpretation using Landsat 8

## REMS 5001 - Fundamentals of Remote Sensing and Digital Image Processing

Alex Moss



	4, 3, 2	5, 4, 3	6, 5, 4	5, 6, 7
Vegetation	4	2	5	5
Soil	4	3	4	4
Water	4	5	3	3
Urban	3	3	4	3
Atmosphere	2	5	5	5

Location	Categories	4, 3, 2	5, 4, 3	6, 5, 4	5, 6, 7
(1) Forestry 1	Vegetation	3	1	5	4
(2) Forestry 2	Vegetation, Soil	4	3	4	5
(3) Agriculture	Vegetation, Soil	4	3	5	5
(4) Logging Roads	Urban, Soil	3	1	2	2
(5) Ocean & Lake	Water	4	4	2	1
(6) Sediment	Water, Soil	4	5	4	4
(7) Quarries	Soil	3	2	4	4
(8) Roads & Fields	Urban, Soil	3	4	5	3
(9) Clouds & Haze	Atmosphere	2	5	5	5

	Vegetation	Soil	Water	Urban	Atmosphere
Band 2 (Blue)	4	4	4	3	2
Band 3 (Green)	3	3	4	3	4
Band 4 (Red)	4	4	4	3	4
Band 5 (Near-IR)	4	4	3	3	5
Band 6 (Mid-IR 1)	5	4	3	3	5
Band 7 (Mid-IR 2)	5	4	3	3	5

Data from the lab sheet was captured June 15th 2019 and downloaded from Planet Labs ([www.planet.com](http://www.planet.com))



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