

Land Cover Investigation (Practical)

Land Cover Sample Site Data Sheet

Group Name: Centre MASS

Members in the Group:

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Site: Lawn in front of the Chemistry Building at the University of Pretoria

City / Country: Pretoria / South Africa

Measurement time / Year: 2017 **Month:** May **Day:** 23 **Hour:** 12h00

Coordinates

Points	Latitude	Longitude	Elevation
A	28°13'50.34" E	25°45'10.16" S	1375m
B	28°13'50.28" E	25°45'09.19" S	1375m
C	28°13'49.34" E	25°45'09.27" S	1375m
D	28°13'49.25" E	25°45'10.19" S	1375m
E	28°13'49.78" E	25°45'09.65" S	1371m

Site Description: Describe to the best as detailed (30x30)

A: In front of point A is a scrub, which blocks the view to the centre point as well as point C. Between point B and A is grass including a dried-up dirt area. Now, between point A and D there is a path with grass on either side.

B: From point B we can see that majority of the land is covered with Graminoid (grass) all the way to the centre point. There are however shrubs between Point A and B, as well as a dried-out pond between Point B and C, including some shrubs. Point D is obstructed from this point due to trees and shrubbery.

C: Point C could see Point D clearly and had visibility of the centre point but not of Point A and Point B due to obstruction from shrubs ranging more than 1m in height. The visibility plain was that of shrubbery and Graminoid (grass). Visibility of the dried up water source is also visible from Point C

D: In front of point D there is a garden patch filled with high trees and other dense shrubbery. This obstructs the view to the centre point and point B. There is a cement path with grass on either side, between C & D and D & A.

E: This is the centre point of the land site and is covered with graminoid (grass). From the centre, point A and D is obstructed by trees and shrubbery.

Comments: The area surveyed is a heterogeneous area as it contains different vegetation in varies areas such as bamboo, cycads, grass etc.

Site Photos

A (East)



Figure 1: Point A towards the Centre E

B (North)



Figure 2: Point B towards the Centre E

C (West)



Figure 3: Point C towards Centre E

D (South)



Figure 4: Point D towards Centre E

E (Centre)



Figure 5: Centre towards Point B