

This form part of a pilot study carried out by 3rd year students at UCT in 2009.

Timm Hoffman and Samson Chimphango (together with the students) collected soils from four locations in the

The locations (taken from Google Earth) were as follows:

Name	Abbrev.		Degrees	Minutes	Seconds	Degrees	Minutes
Agricultural	AG	S	34	4	53.32	E	18 27
Industrial	IND	S	34	5	1.45	E	18 27
Suburban	SUB/RET	S	34	4	37.49	E	18 28
Park	PARK	S	34	6	6.81	E	18 28

We took three replicates at each site and sent the soils to BEMLAB for analysis.

No values were returned for Pb, Cr and Hg and only Cd, Cu and Zn were analysed.

**Results** showed no difference between sites for Cd

For Cu values for AG and IND were significantly lower than SUB/RET and PARK

For Zn, values for PARK were significantly lower than the rest.

I can't recall now but as far as I can remember none of the values was alarming.

Timm Hoffman  
29-Jan-13

water at Zandvlei in early September 2009.

**Seconds**

21.51

44.08

19.24

18.82