

a)

Importance of components :

	PC1	PC2	PC3
Standard deviation	2.4168	1.8899	1.3146
Proportion of variance	0.4172	0.2551	0.1234
Cumulative proportion	0.4172	0.6724	0.7958

b)

Variables	PC1	PC2	PC3
WHC	-0.8986	-0.3582	-0.0324
T_eau	-0.7956	-0.3393	0.0601
Poros	-0.6942	-0.3375	-0.0848
WFP	-0.8911	-0.3697	-0.0634
pH	0.6408	0.3518	0.2809
Mo	-0.9356	-0.2644	0.0244
Limon	-0.7814	-0.0313	0.3813
TEMP_MOY	0.4866	-0.7744	-0.0528
DJ_0	0.5110	-0.8349	0.1366
SC	0.4523	-0.7706	0.3182
SGEL4	0.4721	-0.8333	0.1844
PPT	-0.0076	0.1755	-0.7006
Eh	0.0969	0.4383	0.7215
Argile	-0.5418	0.2743	0.5651