

Hor. no.	Horizon symbol	Depth (cm)	Horizon characteristics
1	Ah	6	Main layer of loess with pumice, dark yellow grey (5Y3/2) strong clayey silt (Ut4), weak to middle humic, fine crumbly, strongly rooted
2	Al	30	Main layer of loess with pumice, brownish yellow (10YR4/3) strong clayey silt (Ut4), weak humic spots, weakly rooted, sub-polyhedral to platy structure
3	Bt + Al	60	Main layer of loess with pumice, brownish yellow (10YR 4/3) and yellow brown zones (10YR 4/4), strong silty clay (Tu4, X1) with some horizontally orientated stones, weakly rooted, sub-polyhedral to polyhedral structure, dark brown zones with clay cutans, lower boundary interfingering with the horizon below
4	II S-Bt	100	Middle layer of loess and basalt, yellow brown (10YR 4/4) and dark brown (7.5YR5/4) zones, silty clay, moderate stony (Tu3, X2), weakly rooted, prism structure with dark brown clay cutans and spots of Mn oxides on ped surfaces, biopores with clay cutans, diffuse rusty mottles
5	III S-Bt	150	Basal layer of basalt tuff and some loess, yellowish brown (10YR 5/4) silty clay with basalt fragments and blocks (Tu3, Gr3, X3, mX), polyhedral to prismatic structure, weakly rooted, partly very strong compacted, diffuse rusty mottles, wavy lower boundary with accumulation of stones
6	IV Bv-C	190	Compact basalt tuff with alternating light grey, brown grey, red brown and purplish layers, centimetres thick, of clayey loam, strong gravelly and stony (Lt3, Gr4, X4), light olive grey inclusions of monomineralic smectite, coarse prismatic structure, sharp lower boundary marked by a concretionary band of goethite accumulation 1 cm thick
7	V fBj1	210	Paleogene Plinthosol, brown red (2.5YR 4/6) and purplish red (10R4/4) weak silty clay (Tu2) with white (10Y8/1) horizontally orientated spots, coarse prismatic to coherent structure, gliding transition
8	fBj2	300	Paleogene Plinthosol, red (10R4/4) silty clay (Tu3) with light grey to white (10Y8/1, 5BG8/1) spots, coherent to coarse prismatic structure, gliding transition
9	fBj3	400	Paleogene Plinthosol, purplish red (10R3/4) clayey loam (Lt3) with light grey (10Y8/1) and yellow red (5YR 6/6) spots, decreasing with depth, coherent to coarse prismatic structure, gliding transition
10	fBj4	500+	Paleogene Plinthosol, purplish red to red brown (10R6/3) silty loam (Lu) with a smaller part of light grey spots (5Y8/1), coherent to coarse prismatic structure