

Vegas Andinas análisis de datos Suelo

2024-04-26

1 Introducción

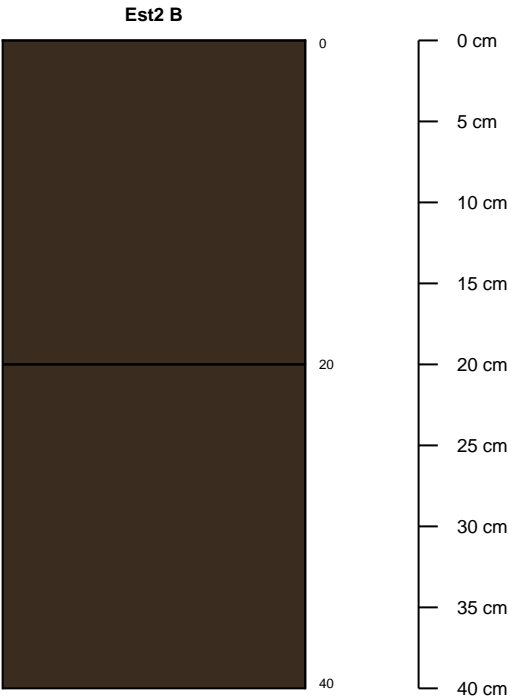
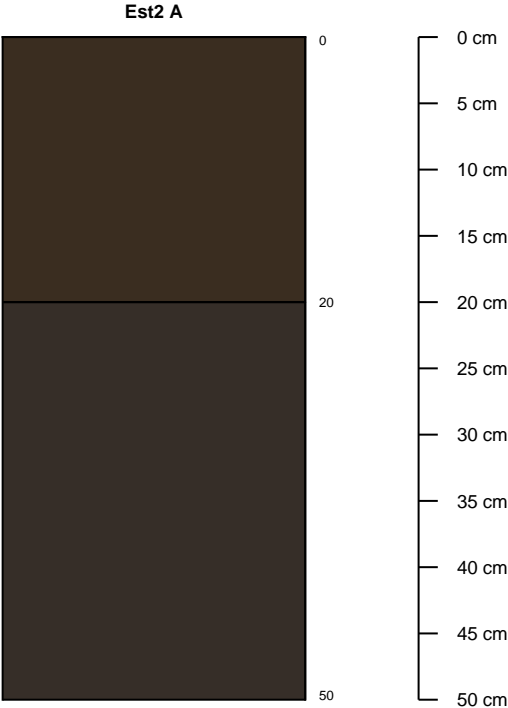
Se analizaron 51 localizados en 21, comprendiendo distintas profundidades, abarcando desde la superfié hasta NA.

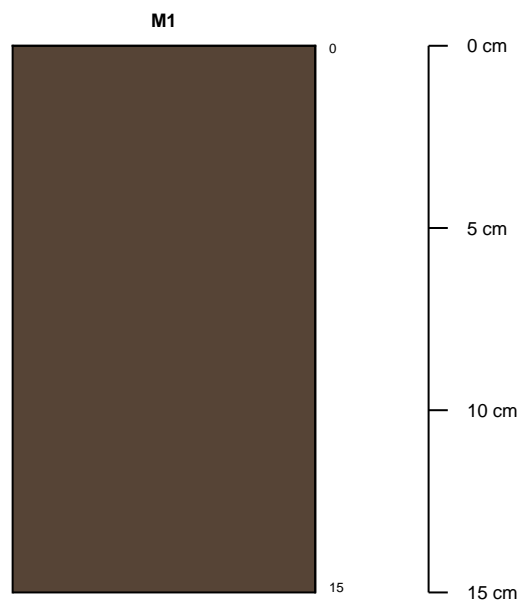
De los mismos, 6 perfiles presentaron problemas en sus profundidades, los cuales se detallan a continuacion

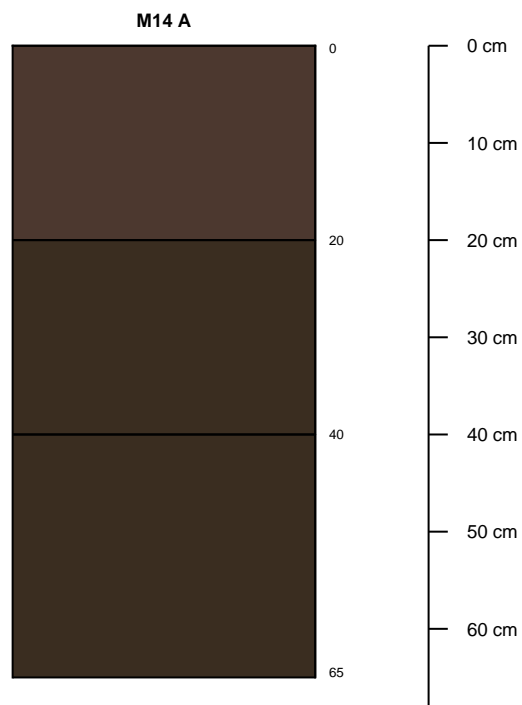
Table 1: Clasificacion textural de las capas analizadas

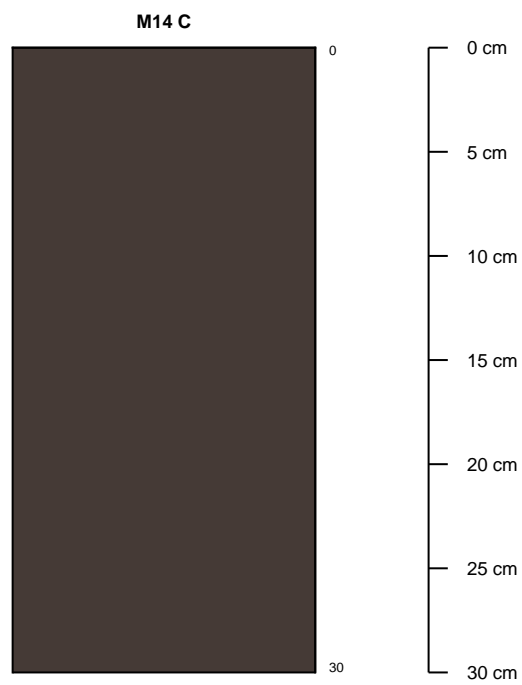
Mallin	top	bottom	SAND	SILT	CLAY
M12 C1	0	30	48.5	34.7	16.8
M12 C1	30	agua	NA	NA	NA
M12 B	0	20	39.8	42.1	18.1
M12 B	20	agua	50.9	25.1	24.0
M33	0	35	71.0	23.9	5.1
M33	35	ROCA	NA	NA	NA
M36	0	43	43.6	41.1	15.3
M36	43	93	88.0	11.0	1.0
M36	93	117	83.4	16.3	0.3
M36	117	232	45.5	47.1	7.5
M36	232+	+	44.4	39.4	16.2
M4.1 C1	0	20	51.5	33.0	15.5
M4.1 C1	20	32	41.9	37.4	20.7
M4.1 C1	32	70	9.5	39.1	51.4
M4.1 C1	70 +	+	50.7	32.2	17.1
M44 A	0	17	65.6	22.4	12.0
M44 A	17	55	60.7	25.7	13.6
M44 A	55	L	NA	NA	NA

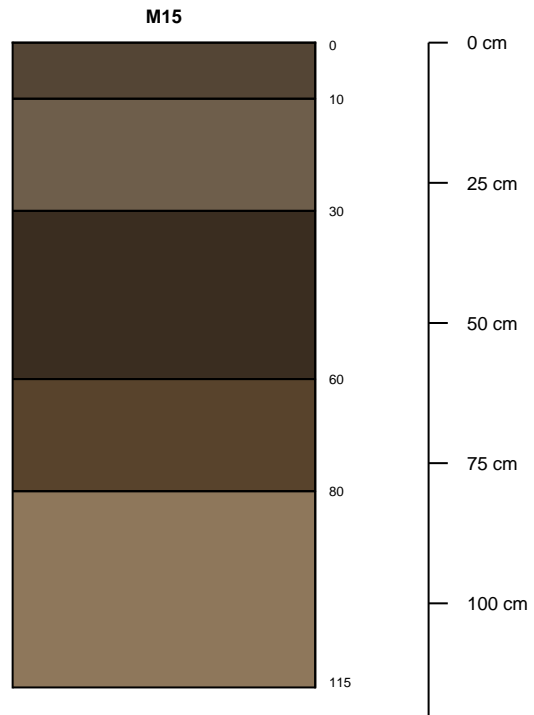
2 Graficos de perfiles

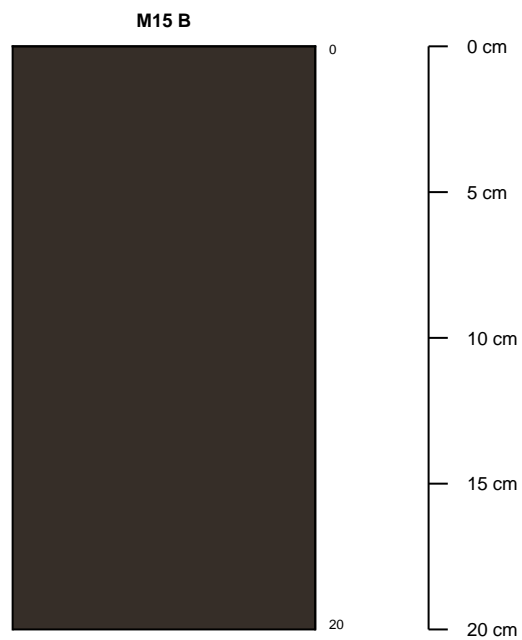


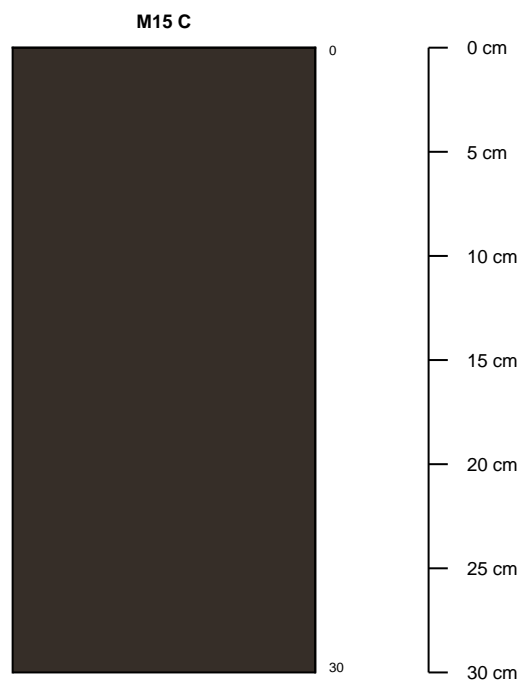


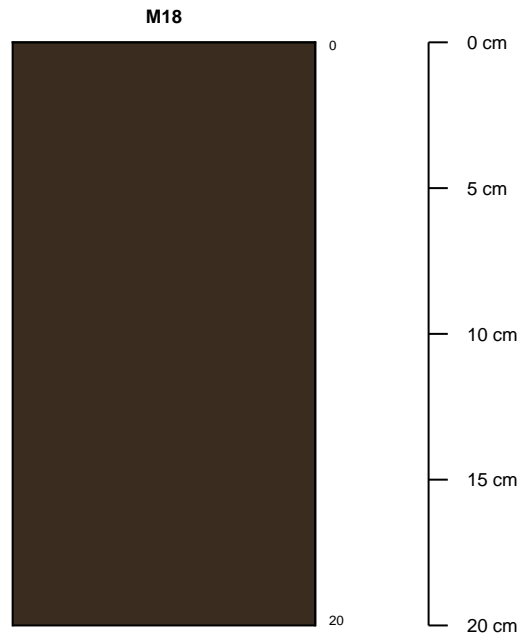


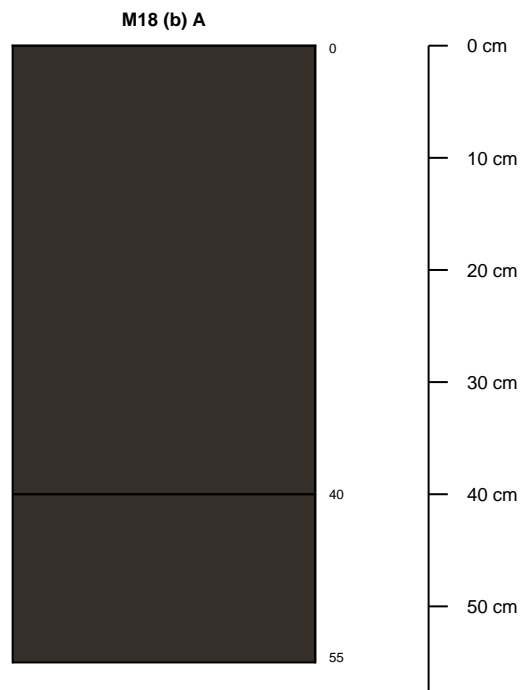


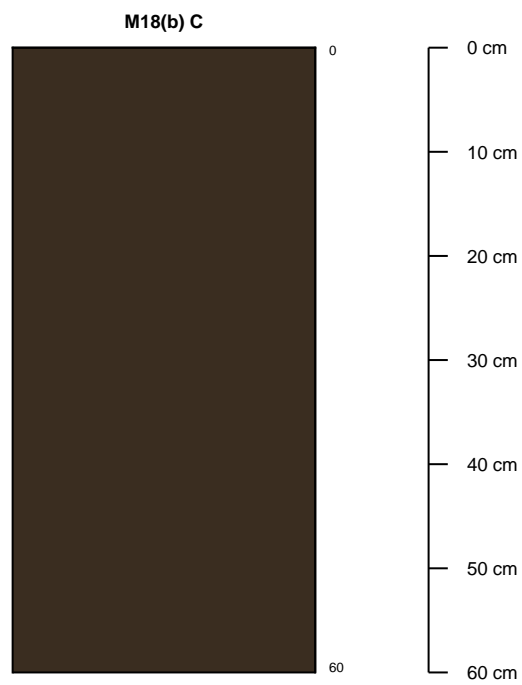


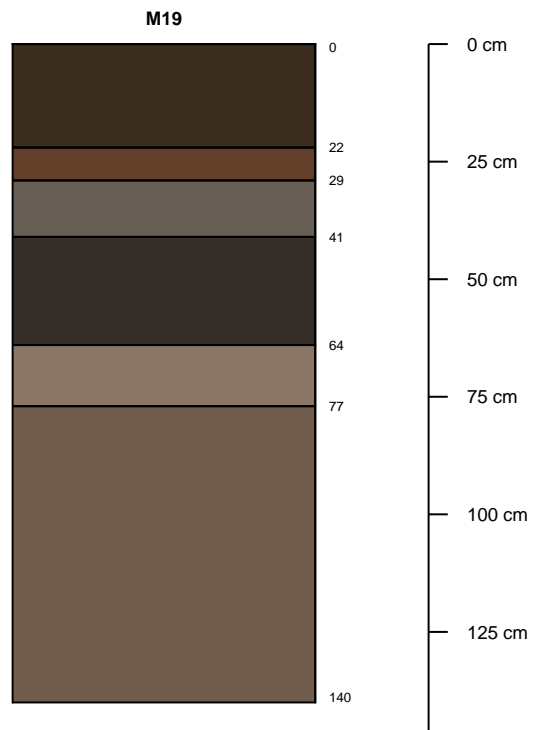


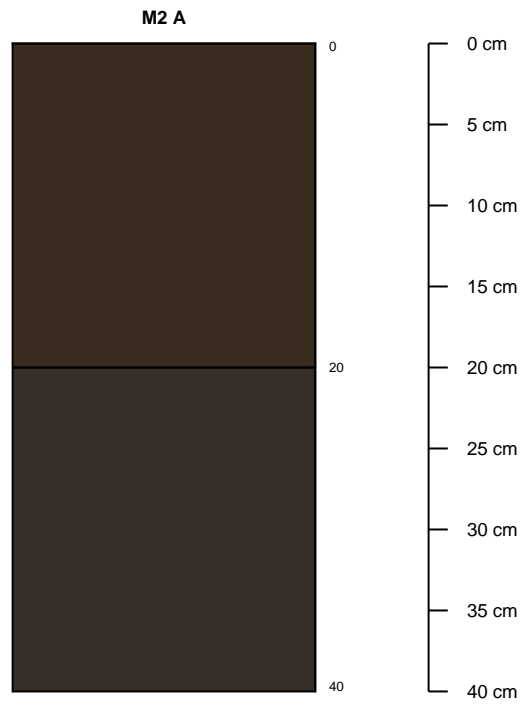




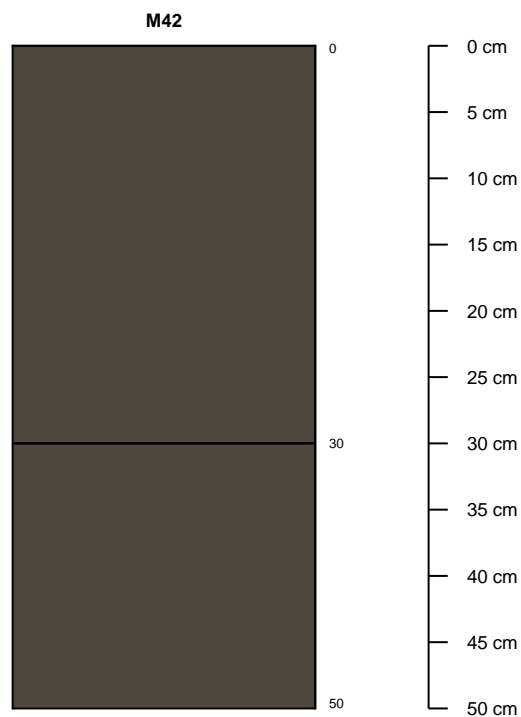












3 Análisis Textural

3.1 Clasificación textural

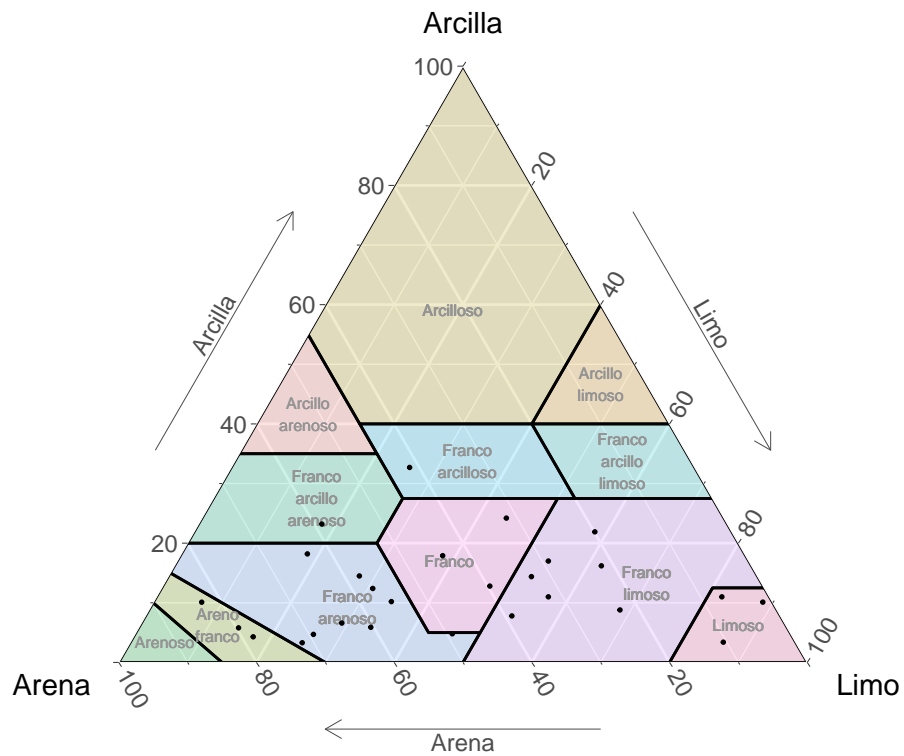
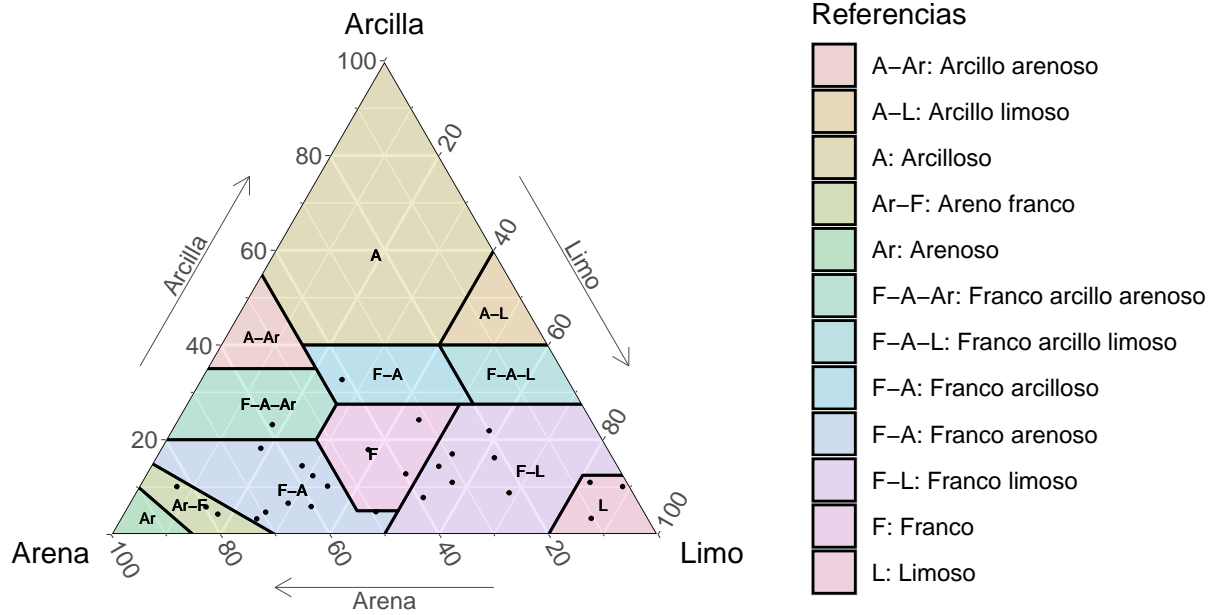
A continuación se presenta los resultados de la clasificación textural de los suelos de estudio utilizando el sistema de clasificación de USDA.

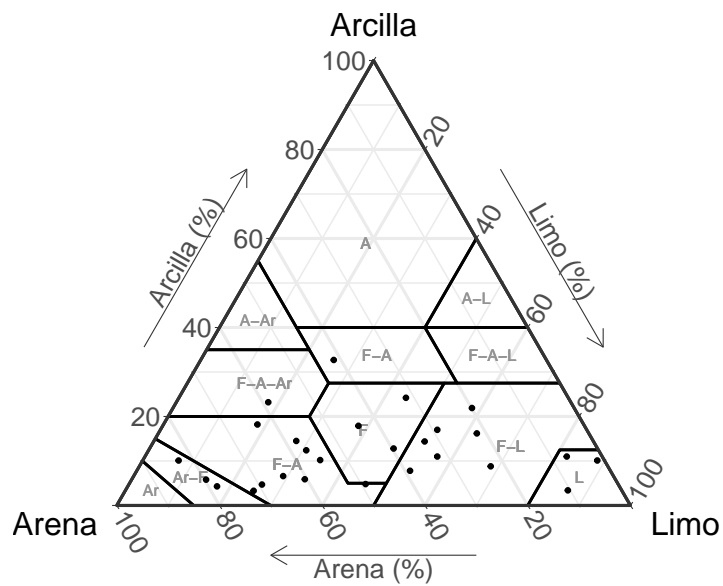
Table 2: Clasificación textural de las capas analizadas

Mallin	top	bottom	SAND	SILT	CLAY	texture_class	Clase_textural
Est2 A	0	20	55.3	34.5	10.2	Franco-arenoso	Franco arenoso
Est2 A	20	50	56.9	30.7	12.4	Franco-arenoso	Franco arenoso
Est2 B	0	20	58.9	17.9	23.2	Franco-arcillo-arenoso	Franco arcillo arenoso
Est2 B	20	40	NA	NA	NA		NA
M1	0	15	63.5	18.3	18.2	Franco-arenoso	Franco arenoso
M14 A	0	20	64.3	29.1	6.6	Franco-arenoso	Franco arenoso
M14 A	20	40	60.4	33.7	5.9	Franco-arenoso	Franco arenoso
M14 A	40	65	NA	NA	NA		NA
M14 C	0	30	39.7	47.5	12.8	Franco	Franco
M15	0	10	29.1	53.9	17.0	Franco-limoso	Franco limoso
M15	10	30	10.5	86.1	3.4	Franco-limoso	Limoso
M15	30	60	39.0	53.2	7.8	Franco-limoso	Franco limoso
M15	60	80	78.3	17.4	4.3	Arenoso-franco	Arenoso franco
M15	80	115	44.0	38.1	17.9	Franco	Franco

Mallin	top	bottom	SAND	SILT	CLAY	texture_class	Clase_textural
M15 B	0	20	71.7	25.0	3.3	Arenoso-franco	Franco arenoso
M15 C	0	30	32.9	52.7	14.4	Franco-limoso	Franco limoso
M18	0	20	22.8	68.4	8.8	Franco-limoso	Franco limoso
M18 (b) A	0	40	41.4	25.9	32.7	Franco-arcilloso	Franco arcilloso
M18 (b) A	40	55	NA	NA	NA		NA
M18(b) C	0	60	79.7	14.5	5.8	Arenoso-franco	Arenoso franco
M19	0	22	6.9	82.1	11.0	Franco-limoso	Limoso
M19	22	29	1.4	88.5	10.1	Limoso	Limoso
M19	29	41	82.9	7.0	10.1	Arenoso-franco	Arenoso franco
M19	41	64	21.8	62.0	16.2	Franco-limoso	Franco limoso
M19	64	77	49.1	46.0	4.8	Franco-arenoso	Franco arenoso
M19	77	140	31.6	44.2	24.2	Franco	Franco
M2 A	0	20	69.4	25.9	4.7	Franco-arenoso	Franco arenoso
M2 A	20	40	32.1	56.9	11.0	Franco-limoso	Franco limoso
M2.2A C1	0	20	57.8	27.7	14.5	Franco-arenoso	Franco arenoso
M2.2A C1	20	32	NA	NA	NA		NA
M2.2A C1	32	70	NA	NA	NA		NA
M42	0	30	19.9	58.2	21.9	Franco-limoso	Franco limoso
M42	30	50	NA	NA	NA		NA

3.2 Triángulos de textura (USDA)





Referencias

- A-Ar: Arcillo arenoso
- A-L: Arcillo limoso
- A: Arcilloso
- Ar-F: Arenoso franco
- Ar: Arenoso
- F-A-Ar: Franco arcillo arenoso
- F-A-L: Franco arcillo limoso
- F-A: Franco arcilloso
- F-A: Franco arenoso
- F-L: Franco limoso
- F: Franco
- L: Limoso

