MEXICO

6-th International Soil Classification Congress – Field Workshop

25 – 29 March 2022

SP#1 Almaguer Lira

Calcic Katogypsic SOLONCHAK

(Evapocrustic, Ochric, Epiraptic, Hyposalic, Pantosiltic, Sulfatic)

0–2 – A, ochric,
2–15 – Ay, ochric, gypsic;
15–30 – 2Bkyz, salic, gypsic, calcic;
30–95 – 3Btyz, salic, gypsic;
95–(130) – 3Bky, gypsic, calcic.

SOIL TAXONOMY

Ustic Calcigypsids

fine-silty, mixed, hyperthermic

SP#2 Dunas de yeso

Haplic GYPSISOL (Pantoarenic, Ochric, Aeolic, Gypsiric)

0–10 – (A)BCy, ochric, gypsic;
10–(140) - BCy, gypsic.

<u>SOIL TAXONOMY</u>

Typic Torripsamments

hypergypsic, hyperthermic

SP#3 Rio Mezquites

Fluvic Gypsic SOLONCHAK

(Evapocrustic, Ochric, Oxyaquic)

0–2 - Crust;
2–30 – Ayz1, ochric, salic, gypsic;
30–(60) – Ayz2, ochric, salic, gypsic.

SOIL TAXONOMY

Gypsic Aquisalids

coarse-loamy, hypergypsic, thermic

SP#4 Sierra Hermosa

Luvic Vertic Endocalcic PHAEOZEM (Chromic, Katoclayic, Epiraptic)

3–0 - O;
0–15 – Ah1, mollic;
15–23 – Ah2, mollic;
23–69 – 2Btik1, argic, vertic;
69–80 – 2Btik2, argic, vertic;
80–93 – 2Btk, argic, calcic;
93–(130) – 2BCk, calcic.

SOIL TAXONOMY

Torrertic Haplustalfs

fine, smectitic, thermic

SP#5 CIPA – Universidad Autonoma de Nuevo Leon
Calcic CHERNOZEM (Aric, Pantoclayic, Protovertic)

0–10 - Ap, chernic;
10–35 – Ak, chernic, calcic, protovertic;
35–52 – BkA, transitional;
52–96 – Bk, calcic, protovertic;
96–120 – BCk, calcic;
120–(150) – Ck, calcic.

SOIL TAXONOMY

Pachic Calciustolls

fine, smectitic, hyperthermic

SP#5_2 CIPA – Universidad Autonoma de Nuevo Leon
Calcic VERTISOL

SOIL TAXONOMY
Torrertic Calciustolls

SP#6 Corona del Rosal

Petrocalcic CHERNOZEM (Clayic)

0–25 - Ah, chernic;
25–38 - AB, transitional horizon;
38–(120) - Bkm, petrocalcic.

SOIL TAXONOMY

Petrocalcic Argiustolls

fine, mixed, thermic

SP#7 San Vicente Vanegas

Haplic GYPSISOL (Ochric, Siltic, Gypsiric)

0–17/25 - Aky, gypsic, ochric;
17/25–45/64 - Bky, gypsic;
45/64–73 - BCky, gypsic;
73–85 – Cy1, gypsic;
85–(110) – Cy2, gypsic.

SOIL TAXONOMY

Typic Haplogypsids

coarse-silty, hypergypsic, thermic

SP#8 Rancho Nuevo

Katopetric GYPSISOL (Ochric, Anosiltic, Gypsiric)

0–12/18 - Ay, gypsic, ochric;
12/18–38 - By, gypsic;
38–60 - BCym, petrogypsic;
60–(140) - Cym, petrogypsic.

SOIL TAXONOMY

Ustic Petrogypsids

fine-silty, hypergypsic, thermic

SP#10 Ojo de Agua

Chromic VERTISOL

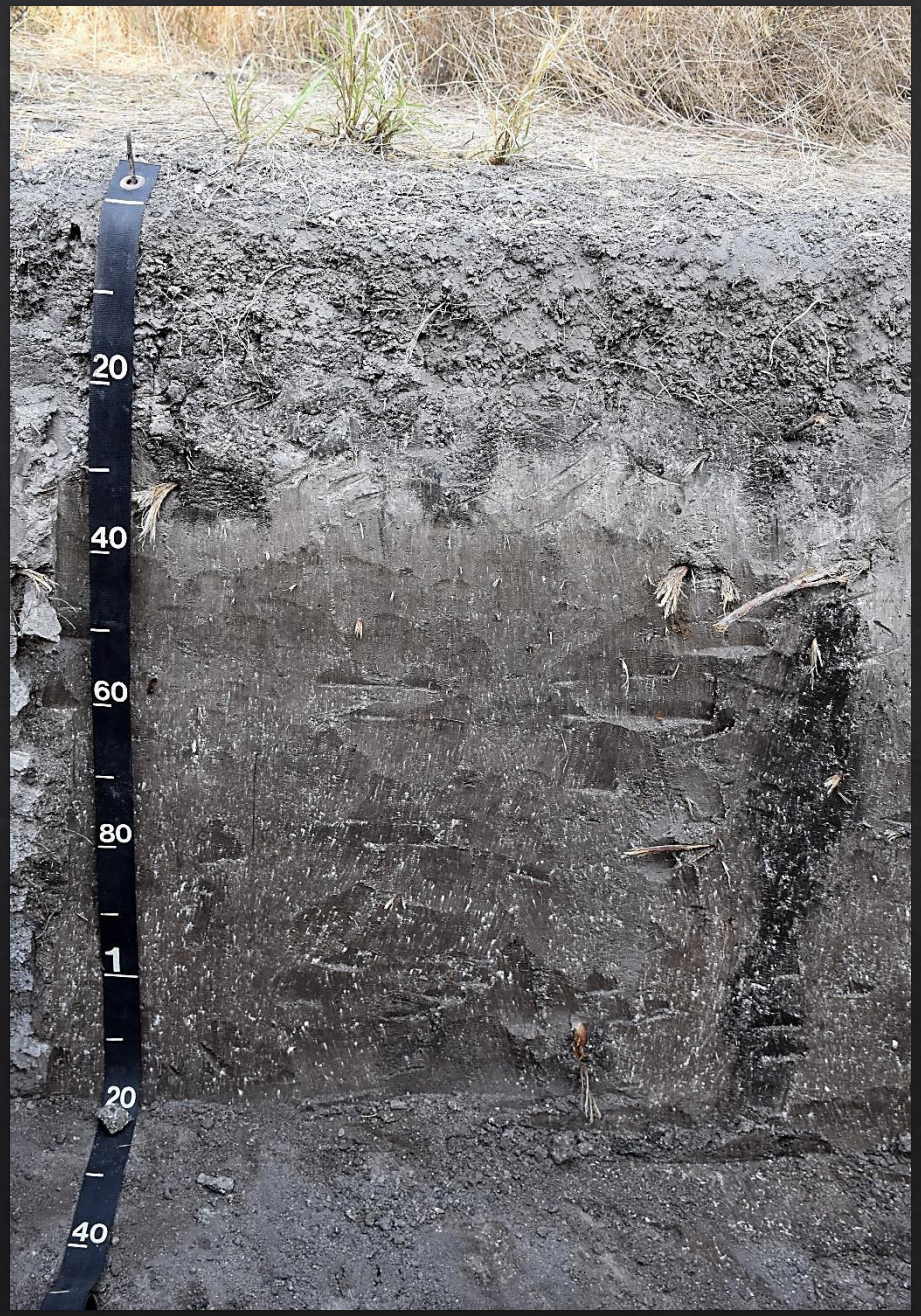
(Humic, Mesotrophic, Amphiraptic, Skeletic, Luvic)

0–10/40 - Ah, ochric;
10/40–10/60 - 2Bt, argic;
10/60–10/75 - 3Bit, vertic, argic;
10/75–(110) – 4Bi, vertic.

SOIL TAXONOMY

Vertic Paleustalfs

fine, smectitic, mesic



SP#12 Charco Salado

Haplic PHAEOZEM (Pantosiltic, Gypsic)

0–5 - Ah, mollic; 5–
12 – Ah2, mollic;
12–25/40 – Ahy, mollic, gypsic;
25/40–60 - ByA, gypsic;
60–(120) – By, gypsic.

SOIL TAXONOMY

Gypsic Calciustolls

coarse-silty, gypsic, hyperthermic

(note: this soil does not have a calcic horizon, but the "Calciustolls" have either a calcic or gypsic within 100 cm)

SP#13 Pinal de Amoles

Haplic ALISOL (Katoclayic, Cutanic, Humic, Epiraptic, Episiltic, Protostagnic)

1–0 - O, organic horizon;
0–18 – Ah, humus horizon - humic;
18–45 – E, eluvial horizon;
45–110 - 2Btg, argic, protostagnic;
110–(160) – 3BtC, transitional horizon.

SOIL TAXONOMY

Typic Paleudults

fine, mixed, isothermic

SP#14 Mina La Laja

Somerirendzic Skeletic LEPTOSOL (Loamic)

0–12 – Ah, humus horizon – somerirendzic, skeletic;
12–(50) – R, weathered limestones.

SOIL TAXONOMY

Lithic Torriorthents

fine-loamy, mixed, isothermic

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