Plot()

{

// d11b Removes boundaries from San Pedro dates

// Adds the rest of the features from Big Tex to those first suggested by Erina

// Identifies West house ring Feature 4124 as an outlier 9-28-2020

//Treats all Cienega phase Strat 4 features as overlapping groups

//Eliminates superpositioning in West house ring

//Puts Strat 4 San Pedro house and pits contiguous between silt deposition and the Strat 4 pits and house rings

//Inserts "Before Early Ceramic" TAQ

// 5-11-2021 Updated with new colors and phase, boundary names, added sequential boundary between San Pedro and Early Cienega, demonstrates gap between them

//

Sequence()

{

Boundary("Start Strat 500");

//R\_Combine based on common soil origin

R\_Combine("Strat 500 humic samples")

{

R\_Date("AA:12:91 Big Tex-Humic F-0 Beta-563244", 3200, 30)

{

};

R\_Date("AA:12:91 Big Tex-Humic F-0 Beta-563253", 3170, 30)

{

};

color="brown";

};

Boundary("Start Strat 500 Occupation");

R\_Date("AA:12:91 Big Tex F-4537 Beta-551692", 3070, 30)

{

color="#837465";

};

Interval("Strat 500 Occupation Interval");

Boundary("End Strat 500 Occupation/Transition Massive silt");

Date("Massive silt")

{

color="#eb984e";

};

Interval("Silt interval");

Boundary("Transition Massive silt/Strat 4 San Pedro");

//Features assigned to San Pedro phaae based on 14C date; all in Strat 4, cannot be distinguished from Cienega phase based on stratigraphy

Phase("Strat 4 San Pedro phase")

{

Sequence("Strat 4 San Pedro phase South pits")

{

R\_Date("AA:12:91 Big Tex F-4161 Beta-567287", 2800, 30)

{

color="blue";

};

R\_Date("AA:12:91 Big Tex F-4162 Beta-567288", 2750, 30)

{

color="blue";

};

};

Sequence("Strat 4 San Pedro phase South house")

{

R\_Date("AA:12:91 Big Tex F-4616.01 Beta-567291", 2760, 30)

{

color="#5d6d7e";

};

};

};

Boundary("End San Pedro");

Interval("Time Between San Pedro and Early Cienega");

Boundary("Start Early Cienega");

//Treats east house ring, west house ring, and pits as overlapping groups

Phase("Strat 4 Early Cienega phase")

{

Sequence("Strat 4 pits")

{

Boundary("Start Strat 4 pits");

Phase("Strat 4 pits")

{

KDE\_Plot("Strat 4 Pits KDE", )

{

};

R\_Date("AA:12:91 Big Tex F-4520 Beta-551686", 2460, 30)

{

color="#800000";

};

R\_Date("AA:12:91 Big Tex F-4541 Beta-551689", 2470, 30)

{

color="#800000";

};

R\_Date("AA:12:91 Big Tex F-4551 Beta-551688", 2450, 30)

{

color="#800000";

};

R\_Date("AA:12:91 Big Tex F-4561 Beta-551691", 2440, 30)

{

color="#800000";

};

R\_Date("AA:12:91 Big Tex F-4192 Beta-567289", 2420, 30)

{

color="#800000";

};

R\_Date("AA:12:91 Big Tex F-4263 Beta-567290", 2500, 30)

{

color="#800000";

};

R\_Date("AA:12:91 Big Tex F-4809 Beta-567295", 2460, 30)

{

color="#800000";

};

R\_Date("AA:12:91 Big Tex F-4114 Beta-567285", 2400, 30)

{

color="#800000";

};

Interval("Interval Strat 4 pits");

};

Boundary("End Strat 4 pits");

};

Sequence("Strat 4 East house ring")

{

Boundary("Start Strat 4 East house ring");

Phase("Strat 4 East house ring")

{

KDE\_Plot("Strat 4 East house ring KDE", )

{

};

R\_Date("AA:12:91 Big Tex F-4622.01 Beta-563248", 2430, 30)

{

color="#228B22";

};

R\_Date("AA:12:91 Big Tex F-4644.02 Beta-563249", 2390, 30)

{

color="#228B22";

};

R\_Date("AA:12:91 Big Tex F-4718.01 Beta-567292", 2440, 30)

{

color="#228B22";

};

Interval("Interval Strat 4 East house ring");

};

Boundary("End Strat 4 East house ring");

};

Sequence("Strat 4 West house ring")

{

Boundary("Start Strat 4 West house ring");

Phase("Strat 4 West house ring")

{

KDE\_Plot("Strat 4 West house ring KDE", )

{

};

R\_Date("AA:12:91 Big Tex F-4124 Beta-567286", 2490, 30)

{

color="#FF0000";

Outlier()

{

};

};

R\_Date("AA:12:91 Big Tex F-4890 Beta-567297", 2380, 30)

{

color="#008B8B";

};

R\_Date("AA:12:91 Big Tex F-4849.02 Beta-48", 2420, 30)

{

color="#008B8B";

};

R\_Date("AA:12:91 Big Tex F-4803.01 Beta-567294", 2390, 30)

{

color="#008B8B";

};

R\_Date("AA:12:91 Big Tex F-4764 Beta-567293", 2380, 30)

{

color="#008B8B";

};

R\_Date("AA:12:91 Big Tex F-4930.01 Beta-567298", 2350, 30)

{

color="#008B8B";

};

Interval("Interval Strat 4 West house ring");

};

Boundary("End Strat 4 West house ring");

};

Order("Order Early Cienega starts and ends")

{

Date("=Start Strat 4 pits");

Date("=Start Strat 4 East house ring");

Date("=Start Strat 4 West house ring");

Date("=End Strat 4 pits");

Date("=End Strat 4 East house ring");

Date("=End Strat 4 West house ring");

};

};

Boundary("Transition Strat 4 Early/Late Cienega");

R\_Date("AA:12:91 Big Tex F-4097.01 Beta-567283", 2100, 30)

{

color="#F4A460";

};

Boundary("End Strat 4 Late Cienega");

Before("Before Early Ceramic", 120)

{

};

};

};