Table S1. Stratigraphic descriptions for canal profiles in Figure 6. A: Feature 152 at the Clearwater Site (Klimas et al. 2006); B: Feature 49 at the Rillito Fan Site (Huckleberry 2018b); C: Feature 46 at the Las Capas Site (Huckleberry 2022a).

(A)

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| **Stratum** | **Description** |
| 502 | Dark brown clay with thin lenses of silt and sand; strong prismatic structure; cienega soil/deposit |
| 503 | Brown loamy sands |
| 504 | Orange (oxidized) loamy sands |
| 504.1 | not described |
| 504.02 | not described |
| A | Medium brown sandy clay loam |
| B | Dark brown blocky clay |
| C | Medium brown sandy clay |

 (B)

|  |  |
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| **Stratum** | **Description** |
| 1 | Pale brown (10YR 6/3) silt and brown (10YR 5/3) silty clay loam; horizontally bedded |
| 2 | Yellowish brown (10YR 5/4) silty clay loam; moderate, medium and coarse prismatic structure; cienega soil/deposit |
| 3 | Grayish brown (10YR 5/2) silty clay and pale brown (10YR 6/3) silt loam; horizontally bedded |
| 4 | Pale brown (10YR 6/3) sandy loam |
| 5 | Dark grayish brown (10YR 4/2) silty clay loam |
| 6 | Dark grayish brown (10YR 4/2) loamy fine sand |
| 7 | Brown (10YR 5/3) medium and fine sand; loose, single grain; matrix-supported charcoal and silty clay clasts |
| 8 | Brown (10YR 5/3) loamy fine sand |
| 9 | Pale brown (10YR 6/3) loamy fine sand |

(C)

|  |  |
| --- | --- |
| **Stratum** | **Description** |
| VI | Pale brown (10YR 6/3) loamy medium sand; cross-bedded |
| VII | Brown (10YR 5/3) silty clay loam and very pale brown (10YR 7/3) silt loam, horizontally bedded; matrix-supported charcoal within Feature 46 |
| VIII | Pale brown (10YR 6/3) loamy very fine sand |