Supplemental Table 1. Detailed Characterization of Limarí River Basin Bedrock Mortars.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | Depressions in each rock | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Area (N/S) | Site | N° of Bedrock Mortars | N° of Total Depressions | Minimum N° | Maximum N° | N° Cup. | N° Ellip. | N° Rect. | N° Mix. | Superposition | Types | Juxtaposition | Types | Percuted Volume (cc.) | Chrono-Cultural Affiliation | Absolute Dates | Calibrated Dates | Lab Code | Sample |
| N | VALLE DEL SOL 1 | 5 | 10 | 1 | 2 |  |  |  |  | No |  | No |  | 1890 |  | No Dates |  |  |  |
| VALLE DEL SOL 11 | 5 | 6 | 1 | 4 | 6 | 0 | 0 | 0 | No |  | No |  | 1245 |  | No Dates |  |  |  |
| TAMAYA 1 | 18 | 41 | 1 | 6 | 41 | 0 | 0 | 0 | No |  |  |  | 7455 | Late Archaic – Early Ceramic Period | 3290+-25  3200+-25 | 1608–1432 BC  δ13C=n/a  1497–1320 BC  δ13C=-17 | UGAMS 11772  UGAMS 9352 | Camelid Bone  Camelid Bone |
| TAMAYA 2 | 1 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | No |  | No |  | 3890 | Early Ceramic Period | No Dates |  |  |  |
| QUEBRADA LA PLACA 8 | 3 | 4 | 1 | 2 | 4 | 0 | 0 | 0 | No |  | No |  | 160 |  | No Dates |  |  |  |
| QUEBRADA LA PLACA 1 | 1 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | No |  | Yes | Cup-cup | 1432 |  | No Dates |  |  |  |
| TAMAYA A | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | No |  | No |  | 155 | Early Ceramic Period | No Dates |  |  |  |
| TAMAYA B | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | No |  | No |  | 220 | Early Ceramic Period | No Dates |  |  |  |
| PINTURAS DE RUMAY | 6 | 10 | 1 | 4 | 10 | 0 | 0 | 0 | No |  | No |  | 3610 |  | No Dates |  |  |  |
| TAMAYA F | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | No |  | No |  | 45 | Early Ceramic Period | No Dates |  |  |  |
| S | ALTOS LA RINCONADA | 2 | 6 | 2 | 4 | 6 | 0 | 0 | 0 | No |  | No |  | 820 | Late Archaic – Early Ceramic Period | No Dates |  |  |  |
| EL MOLINO | 5 | 12 | 1 | 4 | 4 | 7 | 1 | 0 | No |  | No |  | 16975 | Early Ceramic Period | No Dates |  |  |  |
| VALLE EL ENCANTO | 101 | 423 | 1 | 45 | 362 | 51 | 4 | 0 | Yes | Elip/cup | Yes | Cup-elip  Elip-cuad | 34170 | Late Archaic – Early Ceramic Period | 3680+-25\*  2579+-36\*  2000+-25\*  1890+-25  1169+-36\* | 2127–1892 BC\*  δ13C=n/a  799–514 BC\*  δ13C=-22,6  36 BC–129 AD\*  δ13C=-22,8  86–248 AD  δ13C=-23,7  783–1015 AD\*  δ13C=-21,9 | UGAMS 9353  AA95189  UGAMS 05013  UGAMS 05014  AA95190 | Camelid Bone  Charcoal  Charcoal  Charcoal  Charcoal |
| MELINA | 5 | 17 | 1 | 5 | 15 | 0 | 0 | 0 | No |  | No |  | 6607 | Early Ceramic Period | 1680+-25 | 325–537 AD  δ13C=n/a | UGAMS 11771 | Camelid Bone |
| CASA DON MARIO | 2 | 4 | 2 | 2 | 4 | 0 | 0 | 0 | No |  | No |  | 775 | Early Ceramic Period |  |  |  |  |
| ROCAS DE FRANCISCA | 1 | 4 | 4 | 4 | 1 | 3 | 0 | 0 | No |  | No |  | 7715 | Early Ceramic Period | 1030+-20 | 999–1145 AD  δ13C=n/a | UGAMS 9351 | Camelid Bone |
| PINTADAS DE QUILES | 5 | 30 | 1 | 13 | 23 | 7 | 0 | 0 | No |  | Yes | Elip-elip | 16270 | Early Ceramic Period | 970+-20  1090+-30 | 1035+-1163 AD  δ13C=n/a  896–1038 AD  δ13C=-26 | UGAMS 18073  Beta 385216 | Camelid Bone  Charcoal |
| TALHUENAL DE QUILES | 7 | 28 | 1 | 7 | 12 | 11 | 5 | 0 | Yes | Cup ab/elip | No |  | 27075 | Early Ceramic Period | 1030+-30 | 994–1149 AD  δ13C=n/a | UGAMS 18074 | Camelid Bone |
| DON WILSON | 5 | 17 | 1 | 10 | 13 | 4 | 0 | 0 | No |  | No |  | 6943.5 | Early Ceramic Period | No Dates |  |  |  |
| AGUA ESTANCADA | 2 | 25 | 2 | 23 | 25 | 0 | 0 | 0 | No |  | Yes | Cup-cup | 11890 | Late Archaic – Early Ceramic Period | No Dates |  |  |  |
| ALARIDO | 1 | 3 | 3 | 3 | 2 | 1 | 0 | 0 | No |  | No |  | 1045 | Late Archaic – Early Ceramic Period | No Dates |  |  |  |
| MAITENCILLO 1 | 5 | 11 | 1 | 6 | 8 | 3 | 0 | 0 | No |  | No |  | 8395 | Early Ceramic Period | No Dates |  |  |  |
| MAITENCILLO 7 | 5 | 21 | 1 | 9 | 19 | 2 | 0 | 0 | No |  | No |  | 5160 | Early Ceramic Period | No Dates |  |  |  |
| EL TRANQUE | 3 | 6 | 1 | 3 | 6 | 0 | 0 | 0 | No |  | No |  | 275 |  | No Dates |  |  |  |
| ANGOSTURA 1 | 1 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | No |  | No |  | 160 |  | No Dates |  |  |  |
| CUTANA 1 | 6 | 13 | 1 | 7 | 8 | 1 | 1 | 2 | No |  | Yes | Elip-cup | 11030 | Early Ceramic Period | No Dates |  |  |  |
| PORVENIR DE QUILES | 2 | 4 | 2 | 2 | 0 | 0 | 4 | 0 | No |  | Yes | Cuad-cuad | 2985 | Early Ceramic Period | No Dates |  |  |  |
| ROCAS DE QUILES | 5 | 59 | 1 | 23 | 29 | 14 | 5 | 11 | Yes | Elip ab/cuad | No |  | 53580 | Early Ceramic Period | 1004+-21 | 1025–1150 AD  δ13C=-21,5 | D-AMS 015080 | Camelid Bone |
| LAS TUNAS 1 | 3 | 7 | 1 | 5 | 6 | 1 | 0 | 0 | No |  | No |  | 540 | Early Ceramic Period | No Dates |  |  |  |
| LAS TUNAS 3 | 2 | 7 | 2 | 5 | 4 | 3 | 0 | 0 | No |  | No |  | 4630 | Early Ceramic Period | No Dates |  |  |  |
| EL RUCO | 7 | 16 | 1 | 5 | 3 | 3 | 0 | 9 | No |  | No |  | 7235 |  | No Dates |  |  |  |
|  | **TOTAL** | **217** | **811** | **-** | **-** | **648** | **107** | **20** | **26** |  |  |  |  | **240419** |  |  |  |  |  |

n/a= not available