S1 Table. Data from the blind splits collected at Lubbock Lake, strata 1C, 2A, 2B.

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| --- | --- | --- | --- |
| **Sample number** | **Depth****cm** | **Surovell (*11*)** | **Kennett (*38*)** |
| **Magnetic fraction****(mg/kg)** | **Magnetic Spherules****(#/kg)** | **Magnetic fraction****(mg/kg)** | **Magnetic Spherules****(#/kg)** | **Nanodiamonds****(ppb)** |
| 1 | 40-49 | 285 | 0 | 134.5 | 31 | 45.0 |
| 2 | 49-53 | 64 | 20 | 69.4 | 18 | 0.4 |
| 3 | 53-60 | 75 | 17 | 333.6 | 381 | 3360.0 |
| 4 | 60-67 | 53 | 0 | 70.4 | 26 | 0.6 |
| 5 | 67-73 | 132 | 13 | 39.5 | 13 | 0.8 |
| 6 | 73-75 | 357 | 0 | 601.1 | 40 | 24.0 |