

Electronic Supplement 1, Anjar et al.

Additional analytical information for OSL ages.

| Laboratory reference | Sample name | Unit | Moisture used (%) | Moisture measured (%) | Moisture saturated (%) | Grain size (μm) | Stimulation | Preheat/cutheat | Dose recovery ratio | Recycling ratio | Recuperation (%N) | Brightness (counts/Gy) |
|----------------------|-------------|------|-------------------|-----------------------|------------------------|------------------------------|-------------|-----------------|---------------------|-----------------|-------------------|------------------------|
| 15015 | JA2014-18 | 7 | 27 | 19 | 36 | 180–250 | ir-blue | 180°/160° | 0.33 ± 0.13 | 0.89 ± 0.06 | -2.04 ± 1.63 | 12 |
| 15014 | JA2014-16 | 7 | 24 | 18 | 31 | 180–250 | ir-blue | 180°/160° | 0.22 ± 0.15 | 0.96 ± 0.04 | -4.89 ± 5.21 | 20 |
| 15013 | JA2014-11 | 7 | 29 | 26 | 32 | 180–250 | blue+ir | 200°/160° | 0.89 ± 0.30 | 1.17 ± 0.06 | 0.08 ± 3.86 | 42 |
| 15012 | JA2014-10 | 7 | 28 | 24 | 32 | 180–250 | blue+ir | 200°/180° | 0.49 ± 0.11 | 1.13 ± 0.10 | -7.03 ± 3.50 | 23 |
| 15011 | JA2014-09 | 6/7 | 24 | 21 | 26 | 180–250 | ir-blue | -- | 0.47 ± 0.20 | -- | -- | -- |
| 15010 | JA2014-07 | 4 | 26 | 20 | 31 | 180–250 | blue+ir | 220°/180° | 0.99 ± 0.06 | 0.95 ± 0.03 | 5.08 ± 0.72 | 27 |
| 15009 | JA2014-06 | 4 | 25 | 7 | 28 | 180–250 | ir-blue | 180°/160° | 0.78 ± 0.01 | 0.85 ± 0.02 | -1.84 ± 1.04 | 95 |
| 15008 | JA2014-05 | 4 | 22 | 18 | 26 | 180–250 | blue+ir | 200°/180° | 0.64 ± 0.08 | 0.85 ± 0.02 | 2.18 ± 0.59 | 75 |
| 15007 | JA2014-04 | 4 | 28 | 24 | 32 | 180–250 | blue+ir | 200°/180° | 0.20 ± 0.04 | 0.88 ± 0.02 | -21.49 ± 22.20 | 57 |
| 15004 | JA2014-12 | 1 | 25 | 15 | 34 | 180–250 | ir-blue | 200°/160° | 0.69 ± 0.07 | 0.90 ± 0.04 | 0.05 ± 1.29 | 17 |
| 15005 | JA2014-13 | 1 | 24 | 21 | 26 | 180–250 | blue+ir | 200°/160° | 0.90 ± 0.04 | 0.95 ± 0.04 | 1.01 ± 0.68 | 25 |
| 15006 | JA2014-14 | 1 | 22 | 13 | 30 | 180–250 | ir-blue | 180°/160° | 0.81 ± 0.24 | 0.95 ± 0.05 | -4.16 ± 1.53 | 19 |