Table 1. Mange classification of S. scabiei infestation based on the observational score and PCR status/total mite score

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| --- | --- | --- | --- | --- |
| Wombat ID | Mange classification | Observational score | PCR status | total mite count |
| DW02 | Severe mange | 4.78 | Positive | NA |
| Vet1 | Mangy | 2.57 | NA | NA |
| W003 | Severe mange | 8.6 | Positive | 13 |
| W005 | Severe mange | 3.9 | Positive | 13 |
| W006 | Mangy | 2.7 | Positive | 2 |
| W010 | Confidently healthy | 0 | Negative | 0 |
| W011 | Confidently healthy | 0 | Uncertain | 0 |
| W012 | Confidently healthy | 0 | Uncertain | 0 |
| W017 | Confidently healthy | 0 | Negative | 0 |
| W020 | Confidently healthy | 0 | Negative | 0 |
| W021 | Severe mange | 4.9 | Uncertain | 18 |
| W024 | Confidently healthy | 0 | Negative | 0 |
| W025 | Mangy | 2.14 | Negative | 0 |
| W001 | Observational healthy | 0 | NA | NA |
| W002 | Uncertain to low mange | 0.5 | Negative | 2 |
| W004 | Uncertain to low mange | 1.9 | Uncertain | 2 |
| W008 | Uncertain to low mange | 1.9 | Positive | 8 |
| W009 | Uncertain to low mange | 0.4 | Negative | 0 |
| W013 | Uncertain to low mange | 0.5 | Negative | 0 |
| W014 | Uncertain to low mange | 0.28 | Negative | 0 |
| W015 | Observational healthy | 0 | Negative | 1 |
| W016 | Uncertain to low mange | 1.43 | Positive | 11 |
| W018 | Uncertain to low mange | 0.14 | Negative | 1 |
| W019 | Uncertain to low mange | 0.64 | Negative | 0 |
| W022 | Uncertain to low mange | 0.57 | Negative | 1 |
| W023 | Uncertain to low mange | 0.07 | Negative | 3 |
| W027 | Uncertain to low mange | 1.14 | Uncertain | 1 |