## Rockmass_Data
| Site\_ID | Latitude | Longitude | Mean\_Schmidt | GSI\_min | GSI\_max | GSI\_mean | GSI\_Structure | GSI\_Surfaces | Unit | Lithology | Age | Location | Topo\_Position | Notes |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19-Schmidt-5 | 34.489288 | -118.897171 | 30.500000 | 55.0 | 70.0 | 62.5 | 4.0 | 4.0 | Sespe Formation | Sandstone | Oligocene | Topatopa Mountains | Channel | Sespe |
| 19-Schmidt-6 | 34.486835 | -118.909653 | 33.299999 | 75.0 | 85.0 | 80.0 | 5.5 | 4.5 | Sespe Formation | Sandstone | Oligocene | Topatopa Mountains | Hillslope | Sespe |
| 19-Schmidt-7 | 34.474052 | -118.913269 | 33.299999 | 75.0 | 85.0 | 80.0 | 5.0 | 5.0 | Sespe Formation | Sandstone | Oligocene | Topatopa Mountains | Channel | NaN |
| 19-Schmidt-8 | 34.464672 | -118.906845 | 41.400002 | 25.0 | 35.0 | 30.0 | 2.0 | 3.0 | Rincon Shale | Shale | Miocene | Topatopa Mountains | Hillslope | Rincon shale. Schmidt on <0.5m thick sandstone block. Predominately shale. |
| 19-Schmidt-9 | 34.084251 | -118.765228 | 19.200001 | 55.0 | 70.0 | 62.5 | 5.0 | 3.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Sespe. Seismic site 19Aug-6 |
| 19-Schmidt-10 | 34.085014 | -118.771469 | 16.500000 | 55.0 | 65.0 | 60.0 | 5.0 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Sespe. 19Aug-7 |
| 19-Schmidt-11 | 34.085266 | -118.773834 | 26.500000 | 70.0 | 80.0 | 75.0 | 6.0 | 3.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Sespe. 19Aug-8. Sandstone and conglomerate in section. |
| 19-Schmidt-12 | 34.074051 | -118.754593 | 15.300000 | 55.0 | 65.0 | 60.0 | 5.0 | 3.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Sespe. 19Aug-9. Sandstone and conglomerate in section. |
| 19-Schmidt-13 | 34.081825 | -118.758171 | 15.000000 | 60.0 | 70.0 | 65.0 | 6.0 | 3.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Sespe. 19Aug-10 survey site. |
| 19-Schmidt-14 | 34.066589 | -118.832642 | 35.900002 | 55.0 | 65.0 | 60.0 | 4.5 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Sespe. Seismic site 19Aug-11 |
| 19-Schmidt-15 | 34.057079 | -118.832657 | 19.500000 | 45.0 | 55.0 | 50.0 | 3.5 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Hillslope | Sespe. 19Aug-12 |
| 19-Schmidt-16 | 34.080032 | -118.762123 | 23.100000 | 50.0 | 65.0 | 57.5 | 4.5 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Sespe. 19Aug-13 |
| 19-Schmidt-17 | 34.069069 | -118.660683 | 13.900000 | 60.0 | 75.0 | 67.5 | 5.5 | 3.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Sespe. 19Aug-14 |
| 19-Schmidt-18 | 34.003548 | -118.804863 | 0.000000 | 30.0 | 45.0 | 37.5 | 3.0 | 3.0 | Monterey Formation | Shale | Miocene | Santa Monica Mountains | Marine Terrace | Monterey Fmn. Seismic site |
| 19-Schmidt-19 | 34.461445 | -119.130615 | 29.500000 | 65.0 | 75.0 | 70.0 | 5.5 | 4.0 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Channel | Tma. 19Aug-15. May want to filter for higher Schmidt values. |
| 19-Schmidt-20 | 34.461403 | -119.130600 | 14.500000 | 65.0 | 75.0 | 70.0 | 5.5 | 4.0 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Channel | Darker interbeds adjacent to 19-Schmidt-19. 10cm scale. May need to filter for higher values. |
| 19-Schmidt-21 | 34.467053 | -119.126389 | 8.550000 | 35.0 | 45.0 | 40.0 | 3.5 | 3.0 | Juncal Formation | Shale | Eocene | Topatopa Mountains | Channel | Juncal Fmn |
| 19-Schmidt-22 | 34.469128 | -119.125000 | 27.150000 | 50.0 | 65.0 | 57.5 | 4.0 | 3.5 | Juncal Formation | Shale | Eocene | Topatopa Mountains | Hillslope | Outcrop predominately shale. Schmidt from single sandstone bed in section. |
| 19-Schmidt-23 | 34.471737 | -119.125313 | 30.100000 | 55.0 | 65.0 | 60.0 | 4.5 | 4.0 | Juncal Formation | Sandstone | Eocene | Topatopa Mountains | Hillslope | Juncal fmn |
| 19-Schmidt-24 | 34.474545 | -119.131401 | 40.799999 | 60.0 | 70.0 | 65.0 | 5.0 | 4.0 | Juncal Formation | Sandstone | Eocene | Topatopa Mountains | Hillslope | Tjss |
| 19-Schmidt-25 | 34.484646 | -119.142349 | 50.150002 | 40.0 | 50.0 | 45.0 | 3.5 | 3.0 | Juncal Formation | Shale | Eocene | Topatopa Mountains | Hillslope | Tjsh Juncal. Outcrop mostly shale. Schmidt from SS bed. |
| 19-Schmidt-26 | 34.501472 | -119.153915 | 35.900002 | 35.0 | 50.0 | 42.5 | 3.5 | 3.0 | Juncal Formation | Sandstone | Eocene | Topatopa Mountains | Ridge | NaN |
| 19-Schmidt-27 | 34.517319 | -119.185349 | 32.599998 | 65.0 | 80.0 | 72.5 | 5.5 | 4.0 | Unnamed Marine Strata | Sandstone | Cretaceous | Topatopa Mountains | Ridge | Schmidt from sandstone. Sandstone and conglomerate in section. |
| 19-Schmidt-28 | 34.491200 | -118.902992 | 17.200001 | 60.0 | 70.0 | 65.0 | 5.0 | 4.0 | Sespe Formation | Shale | Oligocene | Topatopa Mountains | Hillslope | Sespe. Sandstone and shale interbeds |
| 19-Schmidt-29 | 34.504162 | -118.894234 | 29.750000 | 60.0 | 70.0 | 65.0 | 4.5 | 4.5 | Sespe Formation | Sandstone | Oligocene | Topatopa Mountains | Channel | Sespe |
| 19-Schmidt-30 | 34.465241 | -119.227593 | 34.599998 | 55.0 | 65.0 | 60.0 | 4.5 | 4.0 | Coldwater Sandstone | Sandstone | Eocene | Topatopa Mountains | Hillslope | Tcw |
| 19-Schmidt-31 | 34.463291 | -119.245163 | 5.650000 | 30.0 | 45.0 | 37.5 | 3.0 | 3.0 | Sespe Formation | Sandstone | Oligocene | Ojai Valley | Hillslope | NaN |
| 19-Schmidt-32 | 34.478603 | -119.290588 | 28.250000 | 50.0 | 60.0 | 55.0 | 4.0 | 4.0 | Coldwater Sandstone | Sandstone | Eocene | Topatopa Mountains | Channel | NaN |
| 19-Schmidt-33 | 34.474297 | -118.731125 | 0.000000 | 30.0 | 45.0 | 37.5 | 3.0 | 3.0 | Pico Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | Tp Pico Formation |
| 19-Schmidt-34 | 34.474174 | -118.732132 | 6.900000 | 25.0 | 35.0 | 30.0 | 2.5 | 2.0 | Pico Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | Tp |
| 19-Schmidt-35 | 34.473156 | -118.733780 | 4.400000 | 25.0 | 35.0 | 30.0 | 2.0 | 2.5 | Towsley Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | Ttoc |
| 19-Schmidt-36 | 34.472309 | -118.735413 | 9.550000 | 25.0 | 40.0 | 32.5 | 3.0 | 2.5 | Towsley Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | Ttoc |
| 19-Schmidt-37 | 34.466007 | -118.748268 | 23.900000 | 55.0 | 70.0 | 62.5 | 5.5 | 3.5 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Hillslope | Tmss |
| 19-Schmidt-38 | 34.464310 | -118.747772 | 24.900000 | 65.0 | 75.0 | 70.0 | 6.0 | 3.5 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Hillslope | Tmss. 19Aug-29 |
| 19-Schmidt-39 | 34.484757 | -119.215408 | 45.500000 | 65.0 | 80.0 | 72.5 | 5.5 | 5.0 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Hillslope | Tmash |
| 19-Schmidt-40 | 34.482662 | -119.214920 | 44.900002 | 60.0 | 75.0 | 67.5 | 5.5 | 4.0 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Hillslope | Tma |
| 19-Schmidt-41 | 34.482445 | -119.217789 | 44.500000 | 70.0 | 80.0 | 75.0 | 5.5 | 4.0 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Hillslope | Tma |
| 19-Schmidt-42 | 34.479538 | -119.216957 | 0.000000 | 30.0 | 45.0 | 37.5 | 3.0 | 3.0 | Cozy Dell Shale | Shale | Eocene | Topatopa Mountains | Ridge | Tcd |
| 19-Schmidt-43 | 34.476402 | -119.220619 | 0.000000 | 30.0 | 45.0 | 37.5 | 3.0 | 3.0 | Cozy Dell Shale | Shale | Eocene | Topatopa Mountains | Hillslope | Tcd |
| 19-Schmidt-44 | 34.475697 | -119.221481 | 37.200001 | 50.0 | 60.0 | 55.0 | 5.0 | 3.5 | Cozy Dell Shale | Sandstone | Eocene | Topatopa Mountains | Hillslope | Tcd |
| 18Dec-Schmidt-1 | 34.081345 | -118.566048 | 19.549999 | 70.0 | 80.0 | 75.0 | 6.0 | 4.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Channel | Sespe Formation |
| 18Dec-Schmidt-2 | 34.084106 | -118.568840 | 22.500000 | 80.0 | 90.0 | 85.0 | 6.0 | 4.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Channel | Sespe Formation |
| 18Dec-Schmidt-3 | 34.081844 | -118.559151 | 10.450000 | 25.0 | 35.0 | 30.0 | 3.0 | 2.5 | Santa Susana Formation | Sandstone | Paleocene | Santa Monica Mountains | Channel | NaN |
| 18Dec-Schmidt-4 | 34.083256 | -118.561272 | 22.250000 | 30.0 | 40.0 | 35.0 | 2.5 | 3.0 | Santa Susana Formation | Sandstone | Paleocene | Santa Monica Mountains | Ridge | Tsu |
| 18Dec-Schmidt-5 | 34.066097 | -118.559532 | 49.150002 | 80.0 | 90.0 | 85.0 | 5.5 | 4.5 | Unnamed Strata | Sandstone | Cretaceous | Santa Monica Mountains | Channel | Cretaceous rocks, high GSI and Schmidt! |
| 18Dec-Schmidt-6 | 34.066391 | -118.586998 | 37.700001 | 65.0 | 75.0 | 70.0 | 5.0 | 4.5 | Unnamed Strata | Sandstone | Cretaceous | Santa Monica Mountains | Channel | Cretaceous sandstone |
| 18Dec-Schmidt-7 | 34.072819 | -118.614952 | 17.799999 | 50.0 | 60.0 | 55.0 | 4.5 | 3.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Ttlsc |
| 18Dec-Schmidt-8 | 34.077099 | -118.630165 | 13.500000 | 70.0 | 80.0 | 75.0 | 5.5 | 4.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Ttlsc |
| 18Dec-Schmidt-9 | 34.081322 | -118.644531 | 20.700001 | 45.0 | 65.0 | 55.0 | 4.5 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | NaN |
| 18DecSchmidt-10 | 34.074604 | -118.649704 | 20.400000 | 80.0 | 90.0 | 85.0 | 5.5 | 4.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Hillslope | Tsp |
| 18DecSchmidt-11 | 34.068222 | -118.671905 | 42.650002 | 55.0 | 65.0 | 60.0 | 5.0 | 3.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Ttls |
| 18DecSchmidt-12 | 34.473679 | -119.289734 | 24.799999 | 75.0 | 85.0 | 80.0 | 5.5 | 4.0 | Coldwater Sandstone | Sandstone | Eocene | Topatopa Mountains | Hillslope | Sample site 16-OJ-01 |
| 18DecSchmidt-13 | 34.508900 | -119.274857 | 50.599998 | 80.0 | 90.0 | 85.0 | 6.0 | 5.0 | Unnamed Marine Strata | Sandstone | Cretaceous | Topatopa Mountains | Channel | Kush in Wheeler Gorge |
| 18DecSchmidt-14 | 34.507958 | -119.275040 | 60.000000 | 85.0 | 100.0 | 92.5 | 6.0 | 5.0 | Unnamed Marine Strata | Sandstone | Cretaceous | Topatopa Mountains | Channel | Kucg in Wheeler Gorge |
| 18DecSchmidt-15 | 34.504334 | -119.297554 | 42.400002 | 55.0 | 65.0 | 60.0 | 4.5 | 4.0 | Juncal Formation | Sandstone | Eocene | Topatopa Mountains | Channel | Tjss Juncal Formation SS |
| 18DecSchmidt-16 | 34.494278 | -119.305969 | 45.799999 | 45.0 | 55.0 | 50.0 | 3.5 | 3.0 | Juncal Formation | Sandstone | Eocene | Topatopa Mountains | Channel | Tjsh |
| 18DecSchmidt-17 | 34.485436 | -119.303024 | 49.500000 | 75.0 | 85.0 | 80.0 | 5.5 | 4.0 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Channel | Tma |
| 18DecSchmidt-18 | 34.452557 | -118.920906 | 20.000000 | 35.0 | 45.0 | 40.0 | 4.0 | 3.0 | Sespe Formation | Sandstone | Oligocene | Topatopa Mountains | Hillslope | Tsp |
| 18DecSchmidt-19 | 34.480385 | -118.914780 | 34.099998 | 55.0 | 65.0 | 60.0 | 5.0 | 3.0 | Sespe Formation | Sandstone | Oligocene | Topatopa Mountains | Channel | Tsp |
| 18DecSchmidt-20 | 34.474998 | -118.914703 | 28.600000 | 60.0 | 70.0 | 65.0 | 5.0 | 4.0 | Sespe Formation | Sandstone | Oligocene | Topatopa Mountains | Hillslope | Tsp |
| 18DecSchmidt-21 | 34.474537 | -118.914215 | 37.500000 | 70.0 | 80.0 | 75.0 | 6.0 | 4.0 | Sespe Formation | Sandstone | Oligocene | Topatopa Mountains | Hillslope | Tsp, massive SS. Very few fractures. |
| 18DecSchmidt-22 | 34.468380 | -118.908180 | 34.799999 | 40.0 | 50.0 | 45.0 | 4.0 | 3.0 | Vaqeros Formation | Sandstone | Miocene | Topatopa Mountains | Ridge | Tvq |
| 18DecSchmidt-23 | 34.469486 | -118.904221 | 38.200001 | 40.0 | 50.0 | 45.0 | 3.0 | 3.5 | Vaqeros Formation | Sandstone | Miocene | Topatopa Mountains | Hillslope | NaN |
| 18DecSchmidt-24 | 34.462761 | -118.905449 | 41.900002 | 55.0 | 65.0 | 60.0 | 4.5 | 4.0 | Rincon Shale | Sandstone | Miocene | Topatopa Mountains | Channel | Tr |
| 18DecSchmidt-25 | 34.087086 | -119.035553 | 0.000000 | 15.0 | 25.0 | 20.0 | 2.0 | 2.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Ttlsv |
| 18DecSchmidt-26 | 34.088905 | -119.033554 | 0.000000 | 25.0 | 35.0 | 30.0 | 3.0 | 2.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Ttlcv |
| 18DecSchmidt-27 | 34.086540 | -119.031906 | 38.000000 | 20.0 | 30.0 | 25.0 | 2.0 | 2.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Ttlcv |
| 18DecSchmidt-28 | 34.086723 | -119.029182 | 33.299999 | 25.0 | 35.0 | 30.0 | 2.5 | 2.5 | Conejo Volcanics Intrusive | Sandstone | Miocene | Santa Monica Mountains | Channel | NaN |
| 18DecSchmidt-29 | 34.088139 | -119.028351 | 12.900000 | 40.0 | 50.0 | 45.0 | 4.0 | 3.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Channel | Ttlcv but mapped as db |
| 18DecSchmidt-30 | 34.053150 | -118.897812 | 18.600000 | 35.0 | 45.0 | 40.0 | 3.0 | 3.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Ttlc |
| 18DecSchmidt-31 | 34.063870 | -118.778938 | 0.000000 | 40.0 | 50.0 | 45.0 | 3.0 | 4.0 | Middle Topanga Formation | Shale | Miocene | Santa Monica Mountains | Hillslope | Rock is very fractured - shattered |
| 18DecSchmidt-32 | 34.063839 | -118.778900 | 41.549999 | 55.0 | 65.0 | 60.0 | 3.4 | 4.0 | Middle Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Same site as 31, but SS at base of outcrop |
| 18DecSchmidt-33 | 34.085583 | -118.804382 | 37.500000 | 50.0 | 60.0 | 55.0 | 4.0 | 4.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Ttlsv |
| 18DecSchmidt-34 | 34.125935 | -118.632286 | 9.800000 | 35.0 | 45.0 | 40.0 | 4.5 | 2.0 | Upper Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Ttus |
| 18DecSchmidt-35 | 34.127628 | -118.631226 | 0.000000 | 35.0 | 45.0 | 40.0 | 3.0 | 3.0 | Monterey Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Tm |
| 19-Schmidt-1 | 33.996639 | -119.802605 | 40.200001 | 50.0 | 60.0 | 55.0 | 5.0 | 3.0 | Willows Plutonic Complex | Diorite | Jurassic | Santa Cruz Island | Channel | Small hard outcrop. Much more fractured elsewhere |
| 19-Schmidt-2 | 33.988991 | -119.877365 | 22.799999 | 55.0 | 65.0 | 60.0 | 5.0 | 3.5 | Vaqeros Formation | Sandstone | Miocene | Santa Cruz Island | Channel | NaN |
| 19-Schmidt-3 | 33.993286 | -119.875153 | 27.700001 | 65.0 | 75.0 | 70.0 | 5.5 | 3.5 | Cozy Dell Shale | Sandstone | Eocene | Santa Cruz Island | Channel | Massive SS in Tcd |
| 19-Schmidt-4 | 34.008461 | -119.807152 | 14.300000 | 25.0 | 35.0 | 30.0 | 2.0 | 3.0 | Santa Cruz Island Schmidt | Schist | Jurassic | Santa Cruz Island | Ridge | Schist |
| 17-Schmidt-1 | 34.101715 | -118.942093 | 0.000000 | 25.0 | 35.0 | 30.0 | 2.0 | 2.5 | Conejo Volcanics Extrusive | Volcaniclastic | Miocene | Santa Monica Mountains | Hillslope | Site 1, volcanics, Schmidt <10, GSI 25-35 |
| 17-Schmidt-2 | 34.120316 | -118.932587 | 26.799999 | 55.0 | 75.0 | 65.0 | 5.0 | 4.0 | Conejo Volcanics Extrusive | Volcaniclastic | Miocene | Santa Monica Mountains | Ridge | Site 2, GSI 55-75, Sandstone peak volcaniclastics |
| 17-Schmidt-3 | 34.120426 | -118.928284 | 41.500000 | 60.0 | 75.0 | 67.5 | 5.0 | 4.0 | Conejo Volcanics Extrusive | Volcaniclastic | Miocene | Santa Monica Mountains | Ridge | Site 3, conejo volcanics. GSI 60-75 |
| 17-Schmidt-4 | 34.117950 | -118.926277 | 41.299999 | 45.0 | 65.0 | 55.0 | 4.0 | 4.0 | Conejo Volcanics Extrusive | Volcaniclastic | Miocene | Santa Monica Mountains | Hillslope | Site 4 |
| 17-Schmidt-5 | 34.044563 | -118.827599 | 0.000000 | 20.0 | 30.0 | 25.0 | 2.0 | 2.0 | Santa Susana Formation | Shale | Paleocene | Santa Monica Mountains | Ridge | Site 5, Schmidt less than 10. GSI 20-30 |
| 17-Schmidt-6 | 34.050644 | -118.828217 | 32.099998 | 45.0 | 60.0 | 52.5 | 4.0 | 4.0 | Santa Susana Formation | Sandstone | Paleocene | Santa Monica Mountains | Ridge | GSI 45-60 |
| 17-Schmidt-7 | 34.054356 | -118.829857 | 20.799999 | 35.0 | 50.0 | 42.5 | 3.5 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Hillslope | Site 7, next to 14SMM1. GSI 35-50 |
| 17-Schmidt-8 | 34.058372 | -118.830498 | 36.400002 | 40.0 | 50.0 | 45.0 | 4.0 | 3.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Site 8, GSI 40-50. Ttlsu |
| 17-Schmidt-9 | 34.062241 | -118.831764 | 19.650000 | 65.0 | 80.0 | 72.5 | 4.0 | 4.0 | Lower Topanga Formation | Shale | Miocene | Santa Monica Mountains | Ridge | Site 9, GSI 50-60 |
| 17-Schmidt-10 | 34.065105 | -118.835190 | 29.900000 | 65.0 | 80.0 | 72.5 | 5.5 | 4.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Site 10, GSI 65-80 |
| 17-Schmidt-11 | 34.069450 | -118.833588 | 35.150002 | 65.0 | 75.0 | 70.0 | 5.0 | 4.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 11, GSI 65-75 |
| 17-Schmidt-12 | 34.083210 | -118.838806 | 11.200000 | 15.0 | 25.0 | 20.0 | 2.0 | 2.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 12, GSI 15-25 |
| 17-Schmidt-13 | 34.086048 | -118.839790 | 15.800000 | 30.0 | 35.0 | 32.5 | 2.0 | 3.0 | Lower Topanga Formation | Shale | Miocene | Santa Monica Mountains | Hillslope | Site 13, GSI 30-35 |
| 17-Schmidt-14 | 34.081669 | -118.840248 | 14.400000 | 40.0 | 50.0 | 45.0 | 3.0 | 4.0 | Conejo Volcanics Intrusive | Andesite | Miocene | Santa Monica Mountains | Ridge | Site 14, GSI 40-50 |
| 17-Schmidt-15 | 34.073158 | -118.835480 | 12.000000 | 60.0 | 70.0 | 65.0 | 4.0 | 4.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 15, GSI 60-70 |
| 17-Schmidt-16 | 34.066792 | -118.831986 | 35.299999 | 65.0 | 75.0 | 70.0 | 5.0 | 4.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Site 16, GSI 65-75 |
| 17-Schmidt-17 | 34.064594 | -118.833481 | 29.600000 | 25.0 | 35.0 | 30.0 | 5.5 | 4.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Hillslope | Site 17, GSI 65-75 |
| 17-Schmidt-18 | 34.056522 | -118.833389 | 16.549999 | 25.0 | 35.0 | 30.0 | 3.0 | 2.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 18, GSI 25-35 |
| 17-Schmidt-19 | 34.046417 | -118.828056 | 39.290001 | 40.0 | 50.0 | 45.0 | 3.0 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Site 19, GSI 40-50 |
| 17-Schmidt-20 | 34.041546 | -118.824615 | 0.000000 | 10.0 | 20.0 | 15.0 | 1.5 | 1.0 | Conejo Volcanics Extrusive | Volcaniclastic | Miocene | Santa Monica Mountains | Ridge | Site 20, GSI 10-20 |
| 17-Schmidt-21 | 34.039738 | -118.820213 | 9.800000 | 20.0 | 25.0 | 22.5 | 2.0 | 2.0 | Conejo Volcanics Extrusive | Volcaniclastic | Miocene | Santa Monica Mountains | Hillslope | Site 21, GSI 20-25 |
| 17-Schmidt-22 | 34.036614 | -118.820320 | 10.100000 | 27.0 | 32.0 | 29.5 | 3.0 | 2.5 | Monterey Formation | Shale | Miocene | Santa Monica Mountains | Ridge | Site 21, GSI 27-32 |
| 17-Schmidt-23 | 34.118973 | -118.353706 | 10.850000 | 35.0 | 45.0 | 40.0 | 4.5 | 2.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 23, GSI 35-45 |
| 17-Schmidt-24 | 34.112934 | -118.353287 | 6.400000 | 30.0 | 35.0 | 32.5 | 3.0 | 3.0 | Granitic Rocks | Quartz Diorite | Cretaceous | Santa Monica Mountains | Ridge | Site 24, GSI 30-35 |
| 17-Schmidt-25 | 34.113098 | -118.353538 | 13.500000 | 35.0 | 40.0 | 37.5 | 4.0 | 2.0 | Granitic Rocks | Quartz Diorite | Cretaceous | Santa Monica Mountains | Ridge | Site 25, GSI 35-40 |
| 17-Schmidt-26 | 34.115719 | -118.353584 | 14.670000 | 35.0 | 45.0 | 40.0 | 3.5 | 3.5 | Unnamed Strata | Conglomerate | Cretaceous | Santa Monica Mountains | Ridge | Site 26, GSI 35-45 |
| 17-Schmidt-27 | 34.118500 | -118.353630 | 18.750000 | 45.0 | 50.0 | 47.5 | 4.0 | 3.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 27, GSI 45-50 |
| 17-Schmidt-28 | 34.110294 | -118.351669 | 4.100000 | 20.0 | 25.0 | 22.5 | 4.5 | 2.5 | Granitic Rocks | Quartz Diorite | Cretaceous | Santa Monica Mountains | Hillslope | Site 28, GSI 30-35 |
| 17-Schmidt-29 | 34.115601 | -118.359085 | 0.000000 | 20.0 | 25.0 | 22.5 | 2.5 | 2.5 | Granitic Rocks | Quartz Diorite | Cretaceous | Santa Monica Mountains | Hillslope | Site 29, GSI 20-25 |
| 17-Schmidt-30 | 34.108189 | -118.361229 | 30.350000 | 50.0 | 60.0 | 55.0 | 5.0 | 4.5 | Granitic Rocks | Quartz Diorite | Cretaceous | Santa Monica Mountains | Channel | GSI 70-80 |
| 17-Schmidt-31 | 34.134724 | -118.332985 | 22.950001 | 50.0 | 60.0 | 55.0 | 4.5 | 3.5 | Upper Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | GSI 50-60 |
| 17-Schmidt-32 | 34.137081 | -118.329025 | 24.650000 | 65.0 | 75.0 | 70.0 | 5.5 | 4.0 | Upper Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 32, GSI 65-75 |
| 17-Schmidt-33 | 34.123764 | -118.351006 | 0.000000 | 30.0 | 35.0 | 32.5 | 3.0 | 2.5 | Middle Topanga Formation | Basalt | Miocene | Santa Monica Mountains | Hillslope | NaN |
| 17-Schmidt-34 | 34.123844 | -118.350929 | 26.299999 | 55.0 | 65.0 | 60.0 | 5.0 | 3.5 | Middle Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | NaN |
| 17-Schmidt-35 | 34.473942 | -118.732277 | 0.000000 | 20.0 | 25.0 | 22.5 | 2.0 | 2.0 | Pico Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | Site 36, GSI 20-25 |
| 17-Schmidt-36 | 34.472923 | -118.734467 | 10.350000 | 25.0 | 30.0 | 27.5 | 3.0 | 2.0 | Towsley Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | Site 38, GSI 25-30 |
| 17-Schmidt-37 | 34.469429 | -118.733315 | 0.000000 | 20.0 | 25.0 | 22.5 | 2.0 | 2.0 | Towsley Formation | Conglomerate | Pliocene | Topatopa Mountains | Hillslope | Site 39, GSI 20-25 |
| 17-Schmidt-38 | 34.469368 | -118.738861 | 34.549999 | 35.0 | 40.0 | 37.5 | 2.5 | 3.0 | Sisquoc Formation | Shale | Miocene | Topatopa Mountains | Hillslope | Site 40, GSI 35-40 |
| 17-Schmidt-39 | 34.467056 | -118.746780 | 15.500000 | 25.0 | 30.0 | 27.5 | 2.5 | 2.0 | Monterey Formation | Shale | Miocene | Topatopa Mountains | Hillslope | Site 41, GSI 25-30 |
| 17-Schmidt-40 | 34.466972 | -118.748024 | 13.950000 | 65.0 | 75.0 | 70.0 | 5.5 | 3.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Hillslope | Site 42, GSI 65-75 |
| 17-Schmidt-41 | 34.463261 | -118.746002 | 31.600000 | 65.0 | 75.0 | 70.0 | 5.5 | 3.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Hillslope | Site 43,GSI 65-75 |
| 17-Schmidt-42 | 34.437805 | -118.762459 | 5.650000 | 35.0 | 40.0 | 37.5 | 3.0 | 3.0 | Towsley Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | Site 44, GSI 35-40 |
| 17-Schmidt-43 | 34.435684 | -118.762787 | 13.650000 | 30.0 | 35.0 | 32.5 | 4.0 | 3.0 | Sisquoc Formation | Sandstone | Miocene | Topatopa Mountains | Hillslope | Site 45, GSI 30-35 |
| 17-Schmidt-44 | 34.305809 | -118.522804 | 0.000000 | 25.0 | 30.0 | 27.5 | 2.0 | 3.0 | Monterey Formation | Shale | Miocene | Santa Susana Mountains | Ridge | Site 46, GSI 25-30 |
| 17-Schmidt-45 | 34.242268 | -118.674324 | 21.700001 | 80.0 | 85.0 | 82.5 | 6.0 | 5.5 | Chatsworth Formation | Sandstone | Cretaceous | Simi Hills | Ridge | Site 47, GSI 80-85 |
| 17-Schmidt-46 | 34.043877 | -118.936302 | 34.750000 | 55.0 | 60.0 | 57.5 | 5.0 | 4.0 | Upper Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Marine Terrace | Site 48, GSI 55-60 |
| 17-Schmidt-47 | 34.086189 | -118.912552 | 0.000000 | 25.0 | 30.0 | 27.5 | 2.0 | 3.0 | Lower Topanga Formation | Shale | Miocene | Santa Monica Mountains | Channel | Site 49, GSI 25-30 |
| 17-Schmidt-48 | 34.086079 | -118.912453 | 52.549999 | 55.0 | 60.0 | 57.5 | 5.0 | 4.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Channel | Site 49, GSI 55-60 |
| 17-Schmidt-49 | 34.084980 | -118.914146 | 35.849998 | 70.0 | 75.0 | 72.5 | 5.5 | 4.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Channel | Site 50, GSI 70-75 |
| 17-Schmidt-50 | 34.065792 | -118.932236 | 47.849998 | 65.0 | 70.0 | 67.5 | 5.5 | 4.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Channel | Site 51, GSI 65-70 |
| 17-Schmidt-51 | 34.058212 | -118.934372 | 30.450001 | 40.0 | 45.0 | 42.5 | 4.0 | 3.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 52, GSI 40-45 |
| 17-Schmidt-52 | 34.050106 | -118.935532 | 38.799999 | 60.0 | 65.0 | 62.5 | 5.0 | 3.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Channel | Site 53, GSI 60-65 of Sandstone bed, GSI 20-25 for entire outcrop |
| 17-Schmidt-53 | 34.055218 | -118.966217 | 33.549999 | 35.0 | 40.0 | 37.5 | 3.0 | 3.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Site 54, GSI 35-40 |
| 17-Schmidt-54 | 34.090069 | -119.064430 | 44.799999 | 80.0 | 85.0 | 82.5 | 5.5 | 4.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Marine Cliff | Site 55, GSI 80-85 |
| 17-Schmidt-55 | 34.086178 | -119.059509 | 23.350000 | 75.0 | 80.0 | 77.5 | 5.5 | 4.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Marine Cliff | NaN |
| 17-Schmidt-56 | 34.139755 | -118.971062 | 34.889999 | 45.0 | 50.0 | 47.5 | 3.0 | 3.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Channel | Site 57, GSI 45-50 |
| 17-Schmidt-57 | 34.145107 | -118.955971 | 34.400002 | 35.0 | 40.0 | 37.5 | 4.0 | 2.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 58, GSI 45-50 |
| 17-Schmidt-58 | 34.070713 | -118.906250 | 15.550000 | 35.0 | 40.0 | 37.5 | 3.0 | 3.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 59, GSI 35-40 |
| 17-Schmidt-59 | 34.070736 | -118.906204 | 0.000000 | 35.0 | 40.0 | 37.5 | 2.0 | 3.0 | Lower Topanga Formation | Shale | Miocene | Santa Monica Mountains | Ridge | Site 59, GSI 35-40 |
| 17-Schmidt-60 | 34.063530 | -118.909950 | 47.650002 | 75.0 | 85.0 | 80.0 | 5.5 | 4.5 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 60, GSI 75-85 |
| 17-Schmidt-61 | 34.072319 | -118.905037 | 2.300000 | 15.0 | 25.0 | 20.0 | 2.5 | 2.0 | Conejo Volcanics Extrusive | Volcaniclastic | Miocene | Santa Monica Mountains | Ridge | Site 61, GSI 15-20 |
| 17-Schmidt-62 | 34.052506 | -118.639343 | 40.700001 | 35.0 | 70.0 | 52.5 | 5.0 | 4.0 | Santa Susana Formation | Sandstone | Paleocene | Santa Monica Mountains | Hillslope | Site 62, GSI 65-70 |
| 17-Schmidt-63 | 34.052475 | -118.639381 | 30.900000 | 40.0 | 45.0 | 42.5 | 3.0 | 3.0 | Santa Susana Formation | Conglomerate | Paleocene | Santa Monica Mountains | Hillslope | Site 62, GSI 40-45 |
| 17-Schmidt-64 | 34.052475 | -118.639420 | 0.000000 | 40.0 | 45.0 | 42.5 | 3.0 | 3.0 | Santa Susana Formation | Shale | Paleocene | Santa Monica Mountains | Hillslope | Site 62, GSI 40-45. Shale unit |
| 17-Schmidt-65 | 34.056965 | -118.638603 | 31.299999 | 50.0 | 55.0 | 52.5 | 4.5 | 3.5 | Unnamed Strata | Sandstone | Cretaceous | Santa Monica Mountains | Ridge | Site 63, GSI 50-55 |
| 17-Schmidt-67 | 34.056538 | -118.652588 | 31.250000 | 60.0 | 65.0 | 62.5 | 4.0 | 4.0 | Santa Susana Formation | Sandstone | Paleocene | Santa Monica Mountains | Hillslope | Site 65, GSI 60-65 |
| 17-Schmidt-68 | 34.056526 | -118.652435 | 0.000000 | 20.0 | 25.0 | 22.5 | 2.0 | 2.0 | Santa Susana Formation | Shale | Paleocene | Santa Monica Mountains | Hillslope | Site 65, GSI 20-25 |
| 17-Schmidt-69 | 34.062592 | -118.648933 | 41.250000 | 65.0 | 70.0 | 67.5 | 5.5 | 3.5 | Santa Susana Formation | Conglomerate | Paleocene | Santa Monica Mountains | Hillslope | Site 66, GSI 65-70 |
| 17-Schmidt-70 | 34.070911 | -118.655296 | 26.389999 | 70.0 | 75.0 | 72.5 | 5.5 | 4.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Hillslope | Site 67, GSI 70-75 |
| 17-Schmidt-71 | 34.092224 | -118.679817 | 33.400002 | 50.0 | 55.0 | 52.5 | 5.0 | 4.0 | Conejo Volcanics Extrusive | Sandstone | Miocene | Santa Monica Mountains | Channel | Site 68, GSI 65-70 |
| 17-Schmidt-72 | 34.103920 | -118.660385 | 20.100000 | 50.0 | 55.0 | 52.5 | 5.0 | 4.0 | Upper Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Channel | Site 69, GSI 50-55 |
| 17-Schmidt-73 | 34.105308 | -118.727882 | 20.450001 | 70.0 | 75.0 | 72.5 | 5.5 | 3.0 | Monterey Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 70, GSI 70-75 |
| 17-Schmidt-74 | 34.105328 | -118.728035 | 0.000000 | 30.0 | 35.0 | 32.5 | 3.0 | 2.5 | Monterey Formation | Shale | Miocene | Santa Monica Mountains | Ridge | Site 70, GSI 30-35 |
| 17-Schmidt-75 | 34.053486 | -118.739677 | 33.349998 | 25.0 | 30.0 | 27.5 | 2.5 | 2.0 | Middle Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Site 71, GSI 25-30 |
| 17-Schmidt-76 | 34.053486 | -118.739677 | 0.000000 | 25.0 | 30.0 | 27.5 | 2.5 | 2.0 | Middle Topanga Formation | Shale | Miocene | Santa Monica Mountains | Ridge | Site 71, GSI 25-30 |
| 17-Schmidt-77 | 34.072712 | -118.753395 | 31.200001 | 40.0 | 45.0 | 42.5 | 3.0 | 3.0 | Llajas Formation | Sandstone | Eocene | Santa Monica Mountains | Ridge | Site 73, GSI 45-50 |
| 17-Schmidt-78 | 34.072685 | -118.753441 | 0.000000 | 40.0 | 45.0 | 42.5 | 3.0 | 3.0 | Intrusive Rocks | Diabase | Miocene | Santa Monica Mountains | Ridge | Site 73, GSI 40-45 |
| 17-Schmidt-79 | 34.082668 | -118.759094 | 22.049999 | 55.0 | 60.0 | 57.5 | 5.0 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Site 74, GSI 55-60 |
| 17-Schmidt-80 | 34.082840 | -118.759934 | 16.750000 | 65.0 | 70.0 | 67.5 | 5.0 | 4.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Site 74, GSI 80 |
| 17-Schmidt-81 | 34.079102 | -118.755364 | 10.850000 | 45.0 | 50.0 | 47.5 | 2.5 | 3.5 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Site 75, GSI 37-43 |
| 17-Schmidt-82 | 34.042213 | -118.578583 | 21.450001 | 35.0 | 40.0 | 37.5 | 4.0 | 2.0 | Unnamed Strata | Sandstone | Cretaceous | Santa Monica Mountains | Hillslope | Site 76, GSI 35-40 |
| 17-Schmidt-83 | 34.056568 | -118.619019 | 14.700000 | 70.0 | 75.0 | 72.5 | 5.5 | 4.0 | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Site 77, GSI 70-75. Only outcrop on flat summit. |
| 17-Schmidt-84 | 34.075287 | -118.624069 | 29.650000 | 70.0 | 75.0 | 72.5 | 5.5 | 4.0 | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Site 78, GSI 70-75 |
| 17-Schmidt-85 | 34.075058 | -118.623779 | 0.000000 | 15.0 | 20.0 | 17.5 | 2.0 | 1.0 | Intrusive Rocks | Diabase | Miocene | Santa Monica Mountains | Hillslope | Site 78, GSI 15-20 |
| 17-Schmidt-86 | 34.060196 | -118.606384 | 18.600000 | 55.0 | 60.0 | 57.5 | 5.0 | 3.5 | Santa Susana Formation | Conglomerate | Paleocene | Santa Monica Mountains | Hillslope | Site 79, GSI 55-60 |
| 17-Schmidt-87 | 34.059410 | -118.604538 | 0.000000 | 22.0 | 27.0 | 24.5 | 2.5 | 2.0 | Unnamed Strata | Sandstone | Cretaceous | Santa Monica Mountains | Hillslope | Site 80, GSI 22-27 |
| 17-Schmidt-88 | 34.058956 | -118.602005 | 14.650000 | 37.0 | 42.0 | 39.5 | 3.0 | 3.0 | Unnamed Strata | Sandstone | Cretaceous | Santa Monica Mountains | Hillslope | Site 81, GSI 37-42 |
| 17-Schmidt-89 | 34.054951 | -118.599205 | 43.200001 | 70.0 | 75.0 | 72.5 | 5.5 | 4.0 | Unnamed Strata | Sandstone | Cretaceous | Santa Monica Mountains | Channel | Site 82, GSI 70-75 |
| 17-Schmidt-90 | 34.050018 | -118.597084 | 34.549999 | 60.0 | 65.0 | 62.5 | 5.5 | 3.0 | Santa Susana Formation | Sandstone | Paleocene | Santa Monica Mountains | Hillslope | Site 83, GSI 60-65 |
| 17-Schmidt-91 | 34.050075 | -118.597099 | 0.000000 | 25.0 | 30.0 | 27.5 | 2.0 | 3.0 | Santa Susana Formation | Shale | Paleocene | Santa Monica Mountains | Hillslope | Site 83, GSI 25-30 |
| 18-Schmidt-1 | 34.425472 | -119.013535 | 53.549999 | 50.0 | 60.0 | 55.0 | 4.5 | 3.5 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Channel | Site 84, GSI 50-55 |
| 18-Schmidt-2 | 34.477745 | -118.872177 | 29.799999 | 50.0 | 55.0 | 52.5 | 5.0 | 4.5 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Ridge | NaN |
| 18-Schmidt-3 | 34.477550 | -118.872078 | 0.000000 | 40.0 | 45.0 | 42.5 | 3.5 | 3.5 | Monterey Formation | Shale | Miocene | Topatopa Mountains | Ridge | GSI 40-45 |
| 18-Schmidt-4 | 34.436043 | -118.828621 | 45.500000 | 50.0 | 55.0 | 52.5 | 5.0 | 3.0 | Monterey Formation | Shale | Miocene | Topatopa Mountains | Hillslope | GSI 50-55. Angle of hammer approx. 55 degrees. Bedding surface |
| 18-Schmidt-5 | 34.436256 | -118.828079 | 37.200001 | 60.0 | 65.0 | 62.5 | 5.0 | 4.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Hillslope | GSI 60-65 |
| 18-Schmidt-6 | 34.433189 | -118.831459 | 40.799999 | 30.0 | 35.0 | 32.5 | 3.0 | 3.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Hillslope | GSI 30-35 |
| 18-Schmidt-7 | 34.428932 | -118.833748 | 16.650000 | 70.0 | 75.0 | 72.5 | 5.5 | 4.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Channel | GSI 70-75. Cliff face near syncline |
| 18-Schmidt-8 | 34.422390 | -118.836670 | 45.450001 | 35.0 | 40.0 | 37.5 | 3.0 | 3.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Channel | GSI 35-40. Shale and SS interbeds. Angle 45-55 deg of hammer |
| 18-Schmidt-9 | 34.433109 | -118.688583 | 0.000000 | 20.0 | 25.0 | 22.5 | 2.0 | 2.0 | Pico Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | NaN |
| 18-Schmidt-10 | 34.436295 | -118.658768 | 7.950000 | 25.0 | 30.0 | 27.5 | 2.0 | 2.0 | Pico Formation | Sandstone | Pliocene | Topatopa Mountains | Channel | GSI 25-30, but really unconsolidated. |
| 18-Schmidt-11 | 34.445980 | -118.666397 | 0.000000 | 25.0 | 30.0 | 27.5 | 2.0 | 2.0 | Pico Formation | Sandstone | Pliocene | Topatopa Mountains | Hillslope | GSI 25-30 |
| 18-Schmidt-12 | 34.451260 | -118.650177 | 0.000000 | 20.0 | 25.0 | 22.5 | 2.0 | 2.0 | Saugus Formation | Sandstone | Plio-Pleistocene | Topatopa Mountains | Hillslope | GSI 20-25 |
| 18-Schmidt-12b | 34.460361 | -119.130821 | 46.310001 | 50.0 | 60.0 | 55.0 | 5.0 | 3.0 | Cozy Dell Shale | Sandstone | Eocene | Topatopa Mountains | Channel | NaN |
| 18-Schmidt-13 | 34.464211 | -119.129417 | 48.200001 | 60.0 | 70.0 | 65.0 | 6.0 | 3.0 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Channel | NaN |
| 18-Jun-02 | 34.422039 | -118.837265 | 26.650000 | 35.0 | 45.0 | 40.0 | 3.0 | 3.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Channel | Seismic site |
| 18-Jun-4a | 34.037064 | -118.820114 | 0.000000 | 30.0 | 40.0 | 35.0 | 3.0 | 3.0 | Monterey Formation | Shale | Miocene | Santa Monica Mountains | Ridge | Seismic site |
| 18-Jun-09 | 34.462894 | -119.130058 | 48.599998 | 65.0 | 75.0 | 70.0 | 5.5 | 4.0 | Matilija Sandstone | Sandstone | Eocene | Topatopa Mountains | Channel | Seismic site |
| 18-Jun-08 | 34.453457 | -119.136230 | 36.700001 | 45.0 | 55.0 | 50.0 | 4.5 | 3.0 | Coldwater Sandstone | Sandstone | Eocene | Topatopa Mountains | Channel | Seismic site |
| 18-Jun-10 | 34.467152 | -119.126205 | NaN | 35.0 | 45.0 | 40.0 | 3.0 | 3.0 | Juncal Formation | Shale | Eocene | Topatopa Mountains | Channel | Seismic site |
| 18Jun-HGSI-1 | 34.469181 | -118.879753 | NaN | 15.0 | 25.0 | 20.0 | 2.0 | 2.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Ridge | NaN |
| 18Jun-HGSI-2 | 34.469215 | -118.885872 | NaN | 45.0 | 55.0 | 50.0 | 3.5 | 4.0 | Monterey Formation | Sandstone | Miocene | Topatopa Mountains | Ridge | NaN |
| 18Jun-HGSI-3 | 34.473667 | -118.885666 | NaN | 60.0 | 70.0 | 65.0 | 5.0 | 4.0 | Rincon Shale | Sandstone | Miocene | Topatopa Mountains | Hillslope | NaN |
| 18-OJ-01 | 34.438343 | -119.301430 | 17.799999 | 55.0 | 65.0 | 60.0 | 4.5 | 4.0 | Sespe Formation | Sandstone | Oligocene | Ojai Valley | Fluvial Terrace | NaN |
| 18-HW-01 | 34.118221 | -118.296303 | 0.000000 | 30.0 | 35.0 | 32.5 | 4.0 | 2.5 | Granitic Rocks | Granodiorite | Cretaceous | Santa Monica Mountains | Hillslope | NaN |
| 18-HW-GSI-1 | 34.123371 | -118.387672 | 0.000000 | 30.0 | 35.0 | 32.5 | 3.0 | 2.5 | Granitic Rocks | Granodiorite | Cretaceous | Santa Monica Mountains | Ridge | NaN |
| 18-HW-GSI-2 | 34.122402 | -118.383301 | 5.950000 | 40.0 | 45.0 | 42.5 | 3.0 | 3.0 | Santa Susana Formation | Conglomerate | Paleocene | Santa Monica Mountains | Ridge | NaN |
| 18-HW-GSI-3 | 34.132061 | -118.457130 | 0.000000 | 35.0 | 0.0 | 17.5 | 3.0 | 3.0 | Monterey Formation | Shale | Miocene | Santa Monica Mountains | Ridge | Tm |
| 18-HW-GSI-4 | 34.129051 | -118.513329 | 0.000000 | 35.0 | 45.0 | 40.0 | 3.0 | 3.0 | Santa Monica Slate | Slate | Jurassic | Santa Monica Mountains | Ridge | Very high intact strength, but so fractured that no piece will support schmidt |
| 18-HW-GSI-5 | 34.130703 | -118.507919 | 6.600000 | 35.0 | 45.0 | 40.0 | 3.0 | 3.0 | Santa Monica Slate | Slate | Jurassic | Santa Monica Mountains | Ridge | Very high intact strength, but so fractured that no piece will support schmidt |
| 18-HW-GSI-6 | 34.128056 | -118.504585 | 34.200001 | 65.0 | 75.0 | 70.0 | 5.5 | 4.0 | Upper Topanga Formation | Conglomerate | Miocene | Santa Monica Mountains | Hillslope | Schmidt in 30s to 40s |
| 18-HW-GSI-7 | 34.131084 | -118.490715 | 8.550000 | 65.0 | 75.0 | 70.0 | 5.5 | 3.5 | Monterey Formation | Sandstone | Miocene | Santa Monica Mountains | Ridge | Schmidt about 10-12. Weak intact strength, but coherent outcrop |
| 18-SRI-1 | 33.982017 | -120.073502 | 22.299999 | 60.0 | 70.0 | 65.0 | 5.0 | 4.0 | Beechers Bay Formation | Sandstone | Miocene | Santa Rosa Island | Channel | Schmidt low 20s |
| 18-SRI-2 | 33.950066 | -120.103577 | 0.000000 | 35.0 | 45.0 | 40.0 | 3.0 | 3.5 | Rincon Shale | Sandstone | Miocene | Santa Rosa Island | Ridge | Schmidt 0 |
| 18-SRI-3 | 33.924892 | -120.115997 | 0.000000 | 40.0 | 50.0 | 45.0 | 4.0 | 3.0 | Monterey Formation | Shale | Miocene | Santa Rosa Island | Ridge | Schmidt <10 |
| 18-SRI-4 | 33.921543 | -120.120346 | 0.000000 | 35.0 | 40.0 | 37.5 | 3.0 | 3.0 | Monterey Formation | Shale | Miocene | Santa Rosa Island | Ridge | NaN |
| 18-SRI-5 | 33.912296 | -120.122002 | 16.700001 | 50.0 | 55.0 | 52.5 | 5.0 | 3.0 | Glendora Volcanics | Sandstone | Miocene | Santa Rosa Island | Ridge | Schmidt upper teens low 20s |
| 18-SRI-6 | 33.897598 | -120.118805 | 27.200001 | 60.0 | 70.0 | 65.0 | 4.5 | 4.0 | South Point Sandstone | Sandstone | Eocene | Santa Rosa Island | Ridge | Note: Dibblee uses Tsp abbrev. I use Ts to keep Tsp=Sespe |
| 18-SRI-8 | 33.903686 | -120.123558 | 6.950000 | 65.0 | 75.0 | 70.0 | 5.0 | 3.5 | South Point Sandstone | Sandstone | Eocene | Santa Rosa Island | Ridge | Schmidt low teens |
| 18-SRI-9 | 33.908051 | -120.122841 | 19.350000 | 60.0 | 70.0 | 65.0 | 5.0 | 4.0 | South Point Sandstone | Sandstone | Eocene | Santa Rosa Island | Ridge | Schmidt low 20s |
| 18-SRI-10 | 33.910324 | -120.121681 | 15.250000 | 45.0 | 55.0 | 50.0 | 4.5 | 3.0 | Sespe Formation | Sandstone | Oligocene | Santa Rosa Island | Ridge | Note: Dibble uses Sespe=Ts on SRI. I use Tsp to be consistent w/ mainland |
| 18-SRI-11 | 33.927544 | -120.054581 | 17.400000 | 55.0 | 65.0 | 60.0 | 4.5 | 3.5 | Glendora Volcanics | Sandstone | Miocene | Santa Rosa Island | Hillslope | Vertical hammer |
| 18-SRI-12 | 33.931908 | -120.055290 | 19.600000 | 30.0 | 35.0 | 32.5 | 3.5 | 2.0 | Rincon Shale | Sandstone | Miocene | Santa Rosa Island | Ridge | NaN |
| 18-SRI-13 | 33.973797 | -120.040443 | 25.799999 | 40.0 | 50.0 | 45.0 | 4.0 | 3.0 | Beechers Bay Formation | Sandstone | Miocene | Santa Rosa Island | Ridge | Vertical hammer |
| 18-WC-1 | 33.984772 | -119.763489 | 23.620001 | 40.0 | 45.0 | 42.5 | 4.0 | 2.5 | Willows Plutonic Complex | Gabbro-Diorite | Jurassic | Santa Cruz Island | Channel | NaN |
| 18-WC-2 | 33.962559 | -119.753227 | 36.889999 | NaN | NaN | NaN | NaN | NaN | Blanca Formation | Breccia | Miocene | Santa Cruz Island | Marine Cliff | NaN |
| 18-WC-2b | 33.962753 | -119.753388 | 29.209999 | NaN | NaN | NaN | NaN | NaN | Blanca Formation | Breccia | Miocene | Santa Cruz Island | Marine Cliff | NaN |
| 18-WC-3 | 33.964298 | -119.756264 | 23.250000 | NaN | NaN | NaN | NaN | NaN | Blanca Formation | Breccia | Miocene | Santa Cruz Island | Channel | NaN |
| 18Jun-04b | 34.035603 | -118.819801 | 30.900000 | 30.0 | 40.0 | 35.0 | 3.0 | 3.0 | Monterey Formation | Shale | Miocene | Santa Monica Mountains | Ridge | Seismic site, road surface. Vertical hammer |
| 18-Jun-6 | 34.067177 | -118.831856 | 16.400000 | NaN | NaN | NaN | NaN | NaN | Sespe Formation | Sandstone | Oligocene | Santa Monica Mountains | Ridge | Seismic site, road surface. Vertical hammer |
| 18Schmidt-SCI-1 | 33.973129 | -119.726769 | 9.050000 | NaN | NaN | NaN | NaN | NaN | Blanca Formation | Breccia | Miocene | Santa Cruz Island | Ridge | 18Jun-Schmidt-SCI-1 |
| 18Schmidt-SCI-2 | 33.973560 | -119.726769 | 19.049999 | NaN | NaN | NaN | NaN | NaN | Blanca Formation | Breccia | Miocene | Santa Cruz Island | Hillslope | 18Jun-Schmidt-SCI-2 |
| 18Schmidt-SCI-3 | 33.973801 | -119.726753 | 12.500000 | NaN | NaN | NaN | NaN | NaN | Blanca Formation | Breccia | Miocene | Santa Cruz Island | Hillslope | 18Jun-Schmidt-SCI-3 |
| SM-YB-01 | 34.071472 | -118.957520 | 40.500000 | NaN | NaN | NaN | NaN | NaN | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | YB Site 1 Sandstone 1. Three sets of measurements (01, 02, 04) |
| SM-YB-06 | 34.071472 | -118.957520 | 13.100000 | NaN | NaN | NaN | NaN | NaN | Lower Topanga Formation | Shale | Miocene | Santa Monica Mountains | Hillslope | Fine-grained shale 1. Three sets of measurements (05, 06, 07) |
| SM-YB-Site2\_1 | 34.077751 | -118.951042 | 41.500000 | NaN | NaN | NaN | NaN | NaN | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Channel | YB Site 2 Sandstone |
| SM-YB-Site3\_1 | 34.065807 | -118.961250 | 24.400000 | NaN | NaN | NaN | NaN | NaN | Lower Topanga Formation | Sandstone | Miocene | Santa Monica Mountains | Hillslope | Site 3 |
| 16-MC-01 | 34.087120 | -118.512802 | 22.700001 | NaN | NaN | NaN | NaN | NaN | Santa Monica Slate | Slate | Jurassic | Santa Monica Mountains | Ridge | NaN |