## Saugus_all
| Sample\_id | Well\_Name | Top\_latitude | Top\_longitude | Top\_depth (ft) | Bottom\_depth (ft) | Lith\_type | Lith\_type\_Description | Strat\_unit\_name | Strat\_unit\_name\_Description | W\_SAMPLE\_Remarks | location\_type | Ref\_elevation (ft) | test\_type | sample\_prep | sample\_moisture | sample\_drainage | sample\_consolid | Peak\_phi (deg) | Peak\_c (psf) | peak\_c (kPa) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B10@14 | AES\_PM20685\_B10 | 34.448120 | -118.631878 | 14.0 | NaN | STS | Siltstone | QTs | Saugus Formation | sandy siltstone | Borehole | 1298 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 32.0 | 850 | 40.689325 |
| B10@22 | AES\_PM20685\_B10 | 34.448120 | -118.631878 | 22.0 | NaN | SS | Sandstone | QTs | Saugus Formation | pebbly, silty ss | Borehole | 1298 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 34.0 | 650 | 31.115366 |
| B9@14 | AES\_PM20685\_B9 | 34.452948 | -118.636442 | 14.0 | NaN | SS | Sandstone | QTs | Saugus Formation | fine grained ss, cross bedded | Borehole | 1237 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 34.0 | 750 | 35.902346 |
| B1@10 | AES\_PM20983\_B1 | 34.451379 | -118.643763 | 10.0 | NaN | STS | Siltstone | QTs | Saugus Formation | sandy siltstone | Borehole | 1406 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 30.0 | 350 | 16.754428 |
| B1@45 | AES\_PM20983\_B1 | 34.451379 | -118.643763 | 45.0 | NaN | SS | Sandstone | QTs | Saugus Formation | sandstone bedrock | Borehole | 1406 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 30.0 | 700 | 33.508856 |
| B2@45 | AES\_PM20983\_B2 | 34.451811 | -118.643799 | 45.0 | NaN | SS | Sandstone | QTs | Saugus Formation | Grey ss | Borehole | 1340 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 30.0 | 750 | 35.902346 |
| B3@19 | AES\_PM20983\_B3 | 34.448520 | -118.642992 | 19.0 | NaN | SS-STS | Sandstone-siltstone | QTs | Saugus Formation | silty sandstone with concretions | Borehole | 1334 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 23.0 | 750 | 35.902346 |
| B3@26 | AES\_PM20983\_B3 | 34.448520 | -118.642992 | 26.0 | NaN | SS | Sandstone | QTs | Saugus Formation | med to coarse grained ss | Borehole | 1334 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 38.0 | 25 | 1.196745 |
| B4@50 | AES\_PM20983\_B4 | 34.448325 | -118.644065 | 50.0 | NaN | STS | Siltstone | QTs | Saugus Formation | sandy siltstone | Borehole | 1334 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 42.0 | 0 | 0.000000 |
| B3@25 | AES\_PM22992\_B3 | 34.450041 | -118.624130 | 25.0 | NaN | SS | Sandstone | QTs | Saugus Formation | fine grained silty sandstone | Borehole | 1194 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 45.7 | 1190 | 56.965055 |
| BA1@10 | AES\_TR52584\_BA1 | 34.457994 | -118.636077 | 10.0 | NaN | STS | Siltstone | QTs | Saugus Formation | sandy to clayey sts | Borehole | 1269 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 29.0 | 1800 | 86.165629 |
| BA1@75.4 | AES\_TR52584\_BA1 | 34.457994 | -118.636077 | 75.4 | NaN | CLS | claystone | QTs | Saugus Formation | silty claystone, | Borehole | 1269 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 30.0 | 290 | 13.882240 |
| BA11@30 | AES\_TR52584\_BA11 | 34.466956 | -118.639604 | 30.0 | NaN | CLS | claystone | QTs | Saugus Formation | red brown silty claystone | Borehole | 1567 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 33.9 | 2687 | 128.626137 |
| B4@10 | AES\_TR52584\_BA4 | 34.456646 | -118.632554 | 10.0 | NaN | STS | Siltstone | QTs | Saugus Formation | sandy siltstone with clay | Borehole | 1307 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 19.5 | 2500 | 119.674485 |
| B4@24 | AES\_TR52584\_BA4 | 34.456646 | -118.632554 | 24.0 | NaN | SS | Sandstone | QTs | Saugus Formation | silty sandstone with sts interbeds | Borehole | 1307 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 40.0 | 310 | 14.839636 |
| B4@37 | AES\_TR52584\_BA4 | 34.456646 | -118.632554 | 37.0 | NaN | CGL | conglomerate | QTs | Saugus Formation | grey pebble cong with med to coarse ss | Borehole | 1307 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 38.0 | 360 | 17.233126 |
| BA5@12 | AES\_TR52584\_BA5 | 34.464265 | -118.631747 | 12.0 | NaN | CGL | conglomerate | QTs | Saugus Formation | pebble cong with coarse ss | Borehole | 1636 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 39.8 | 190 | 9.095261 |
| BA5@50 | AES\_TR52584\_BA5 | 34.464265 | -118.631747 | 50.0 | NaN | CGL | conglomerate | QTs | Saugus Formation | cobble cong with ss | Borehole | 1636 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 24.3 | 880 | 42.125419 |
| BA6@20 | AES\_TR52584\_BA6 | 34.460643 | -118.639150 | 20.0 | NaN | SS | Sandstone | QTs | Saugus Formation | pebbly ss and pebbly cong | Borehole | 1327 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 35.7 | 700 | 33.508856 |
| BA7@44 | AES\_TR52584\_BA7 | 34.464136 | -118.630638 | 44.0 | NaN | STS | Siltstone | QTs | Saugus Formation | siltstone to sandy siltstone | Borehole | 1584 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 27.2 | 1168 | 55.911920 |
| BA9@49 | AES\_TR52584\_BA9 | 34.463695 | -118.633634 | 49.0 | NaN | CLS | claystone | QTs | Saugus Formation | clayey sts to silty cls | Borehole | 1407 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 44.0 | 591 | 28.291048 |
| HS2@20 | AES\_TR52584\_HS2 | 34.462377 | -118.633084 | 20.0 | NaN | SS | Sandstone | QTs | Saugus Formation | ss and silty ss, dense, moist, with gravel | Borehole | 1377 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 31.0 | 10 | 0.478698 |
| TP3@3 | AG\_TR31299\_TP3 | 34.493956 | -118.627011 | 3.0 | NaN | SS-STS | Sandstone-siltstone | QTs | Saugus Formation | interbeded ss/sts | Test Pit | 1281 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 49.0 | 0 | 0.000000 |
| T1@4 | AGI\_30911RC\_T1 | 34.481688 | -118.655964 | 4.0 | NaN | SS | Sandstone | QTs | Saugus Formation | massive gravelly ss, well graded | Test Pit | 1624 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 37.0 | 275 | 13.164193 |
| B1@38 | AGI\_TR52155\_B1 | 34.476686 | -118.626822 | 38.0 | NaN | SS | Sandstone | QTs | Saugus Formation | silty fine med ss, dense | Borehole | 1581 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 42.0 | 1400 | 67.017712 |
| B1@8 | AGI\_TR52155\_B1 | 34.476686 | -118.626822 | 8.0 | NaN | SS | Sandstone | QTs | Saugus Formation | silty, gravelly ss, widely spaced sts beds | Borehole | 1581 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 39.0 | 900 | 43.082815 |
| B2@20 | AGI\_TR52155\_B2 | 34.476661 | -118.626133 | 20.0 | NaN | SS | Sandstone | QTs | Saugus Formation | ss with gravel channel | Borehole | 1589 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 50.0 | 550 | 26.328387 |
| B2@30 | AGI\_TR52155\_B2 | 34.476661 | -118.626133 | 30.0 | 33.0 | SS | Sandstone | QTs | Saugus Formation | silty ss, with gravel, pebs, cobs, bulk | Borehole | 1589 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 35.0 | 300 | 14.360938 |
| B3@40 | AGI\_TR52155\_B3 | 34.476722 | -118.625411 | 40.0 | NaN | SS | Sandstone | QTs | Saugus Formation | blue grey silty fine ss | Borehole | 1450 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 42.0 | 2450 | 117.280996 |
| B9@69 | AGI\_TR52155\_B9 | 34.475951 | -118.625439 | 69.0 | NaN | SS | Sandstone | QTs | Saugus Formation | silty sandstone, gravel, well graded, sts beds | Borehole | 1556 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 51.0 | 1750 | 83.772140 |
| B9@97 | AGI\_TR52155\_B9 | 34.475951 | -118.625439 | 97.0 | NaN | SS | Sandstone | QTs | Saugus Formation | silty sandstone, gravel, well graded, sts beds, sts in lab log | Borehole | 1556 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 38.0 | 675 | 32.312111 |
| TP4@4 | CGS\_30349SM\_T4 | 34.448049 | -118.665297 | 4.0 | NaN | SS | Sandstone | QTs | Saugus Formation | interbedded ss and mudstone | Test Pit | 1274 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 34.0 | 700 | 33.508856 |
| T1@3 | CGS\_30800RC\_T1 | 34.471560 | -118.657034 | 3.0 | 5.0 | SC | Clayey sand | QTs | Saugus Formation | clayey sand to sandy clay, bulk | Test Pit | 1567 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 34.0 | 200 | 9.573959 |
| T3@5.5 | CGS\_30800RC\_T3 | 34.471552 | -118.656210 | 5.5 | NaN | SS | Sandstone | QTs | Saugus Formation | clayey and silty ss | Test Pit | 1617 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 30.0 | 500 | 23.934897 |
| T3@6.5 | CGS\_30800RC\_T3 | 34.471552 | -118.656210 | 6.5 | NaN | SS | Sandstone | QTs | Saugus Formation | clayey and silty ss | Test Pit | 1617 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 32.0 | 250 | 11.967449 |
| T1@5 | CGS\_31007RC\_T1 | 34.482123 | -118.655711 | 5.0 | NaN | SS | Sandstone | QTs | Saugus Formation | brown clayey ss | Test Pit | 1625 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 38.0 | 450 | 21.541407 |
| T5@3 | CGS\_31007RC\_T5 | 34.481944 | -118.655689 | 3.0 | NaN | SS | Sandstone | QTs | Saugus Formation | brown clayey ss, pebbly ss | Test Pit | 1622 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 36.0 | 400 | 19.147918 |
| T2@5 | CGS\_31045RC\_T2 | 34.482684 | -118.655936 | 5.0 | NaN | SS-STS | Sandstone-siltstone | QTs | Saugus Formation | light red brown sitly fine ss and sts | Test Pit | 1638 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 26.0 | 380 | 18.190522 |
| T3@5 | CGS\_31045RC\_T3 | 34.482683 | -118.656143 | 5.0 | NaN | STS | Siltstone | QTs | Saugus Formation | red brown silty fine ss and siltstone | Test Pit | 1643 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 26.0 | 950 | 45.476304 |
| T4@6.5 | CGS\_31045RC\_T4 | 34.482693 | -118.656324 | 6.5 | NaN | SS | Sandstone | QTs | Saugus Formation | clayey fine to med ss, massive, fractured | Test Pit | 1650 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 32.0 | 400 | 19.147918 |
| T2@5 | GCG\_28536S\_T2 | 34.491218 | -118.634991 | 5.0 | NaN | SS | Sandstone | QTs | Saugus Formation | fine to med dense ss | Test Pit | 1471 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 35.0 | 500 | 23.934897 |
| T5@3 | GCG\_28536S\_T5 | 34.490961 | -118.634912 | 3.0 | NaN | CLS | claystone | QTs | Saugus Formation | red brown sandy claystone | Test Pit | 1477 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 26.0 | 1100 | 52.656774 |
| T6@5 | GCG\_28536S\_T6 | 34.490724 | -118.635117 | 5.0 | NaN | SS | Sandstone | QTs | Saugus Formation | fine to med grained ss | Test Pit | 1481 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 39.0 | 600 | 28.721877 |
| TP6@2 | GCI\_30712R\_TP6 | 34.476088 | -118.655557 | 2.0 | NaN | CGL | conglomerate | QTs | Saugus Formation | moist, dense, massive conglomerate | Test Pit | 1552 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 35.0 | 500 | 23.934897 |
| TP9@2 | GCI\_30712R\_TP9 | 34.476089 | -118.655414 | 2.0 | NaN | SS | Sandstone | QTs | Saugus Formation | conglomerate and ss, dense, mod bedded | Test Pit | 1559 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 28.0 | 300 | 14.360938 |
| TP9@9 | GCI\_30712R\_TP9 | 34.476089 | -118.655414 | 9.0 | NaN | SS | Sandstone | QTs | Saugus Formation | conglomerate and ss, dense, mod bedded | Test Pit | 1559 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 31.0 | 450 | 21.541407 |
| B1@10 | GSI\_TT42508\_B1 | 34.488306 | -118.632096 | 10.0 | NaN | CGL | conglomerate | QTs | Saugus Formation | buff, massive conglomerate | Borehole | 1415 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 35.0 | 80 | 3.829584 |
| B3@12 | GSI\_TT42508\_B3 | 34.486642 | -118.638123 | 12.0 | NaN | SS | Sandstone | QTs | Saugus Formation | light grey ss and cgl | Borehole | 1615 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 33.0 | 730 | 34.944950 |
| B3@5 | GSI\_TT42508\_B3 | 34.486642 | -118.638123 | 5.0 | NaN | SS-STS | Sandstone-siltstone | QTs | Saugus Formation | sandy siltstone to silty sandstone with cgl | Borehole | 1615 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 25.0 | 600 | 28.721877 |
| B4@10 | GSI\_TT42508\_B4 | 34.488639 | -118.630025 | 10.0 | NaN | SS | Sandstone | QTs | Saugus Formation | buff, friable ss and cgl | Borehole | 1432 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 40.0 | 175 | 8.377214 |
| B16@14 | GSI\_TT43750\_B16 | 34.473535 | -118.631537 | 14.0 | NaN | SS | Sandstone | QTs | Saugus Formation | orange grey silty fine ss, dense, poorly cemented | Borehole | 1369 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 35.0 | 425 | 20.344663 |
| B18@35 | GSI\_TT43750\_B18 | 34.474324 | -118.628625 | 35.0 | NaN | SS-STS | Sandstone-siltstone | QTs | Saugus Formation | interbedded sts and ss, 1/4 inch beds | Borehole | 1354 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 35.0 | 900 | 43.082815 |
| B18@5 | GSI\_TT43750\_B18 | 34.474324 | -118.628625 | 5.0 | NaN | SS | Sandstone | QTs | Saugus Formation | interbedded silty ss and gravel | Borehole | 1354 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 40.5 | 325 | 15.557683 |
| B11@30 | GSI\_TT47646\_B11 | 34.486670 | -118.625376 | 30.0 | NaN | STS | Siltstone | QTs | Saugus Formation | orange firm sts | Borehole | 1330 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 34.5 | 130 | 6.223073 |
| B14@10 | GSI\_TT47646\_B14 | 34.487570 | -118.626195 | 10.0 | NaN | SS-STS | Sandstone-siltstone | QTs | Saugus Formation | sitly fine ss, weakly cemented | Borehole | 1338 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 38.5 | 250 | 11.967449 |
| B14@25 | GSI\_TT47646\_B14 | 34.487570 | -118.626195 | 25.0 | NaN | STS | Siltstone | QTs | Saugus Formation | brown sts, few rocks | Borehole | 1338 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 34.0 | 150 | 7.180469 |
| B14@5 | GSI\_TT47646\_B14 | 34.487570 | -118.626195 | 5.0 | NaN | SS-STS | Sandstone-siltstone | QTs | Saugus Formation | sitly fine ss, weakly cemented | Borehole | 1338 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 35.0 | 200 | 9.573959 |
| B14@50 | GSI\_TT47646\_B14 | 34.487570 | -118.626195 | 50.0 | NaN | SS | Sandstone | QTs | Saugus Formation | silty fine to med ss, hard massive | Borehole | 1338 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 39.0 | 320 | 15.318334 |
| TP4@7 | KBA\_32000RC\_TP4 | 34.487919 | -118.652032 | 7.0 | NaN | SS | Sandstone | QTs | Saugus Formation | massive hard med grained ss | Test Pit | 1748 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 33.0 | 600 | 28.721877 |
| B5@10 | KBA\_TR34385\_B5 | 34.487750 | -118.621191 | 10.0 | NaN | SS | Sandstone | QTs | Saugus Formation | lt brown ss, hard, coarse grained | Borehole | 1221 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 37.0 | 350 | 16.754428 |
| B3@39 | MAWA\_TR37586\_B3 | 34.495173 | -118.626312 | 39.0 | NaN | STS | Siltstone | QTs | Saugus Formation | black silt, soft | Borehole | 1277 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 30.5 | 1250 | 59.837243 |
| B4@33 | MAWA\_TR37586\_B4 | 34.494394 | -118.626899 | 33.0 | NaN | STS | Siltstone | QTs | Saugus Formation | dense black sts, with clasts (shale in test log) | Borehole | 1292 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 17.5 | 1310 | 62.709430 |
| B5@23 | MAWA\_TR37586\_B5 | 34.492577 | -118.628950 | 23.0 | NaN | SS | Sandstone | QTs | Saugus Formation | dense greenish blue fine gr ss, micaeous | Borehole | 1369 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 40.0 | 500 | 23.934897 |
| B6@11 | MAWA\_TR37586\_B6 | 34.491361 | -118.628157 | 11.0 | NaN | SS | Sandstone | QTs | Saugus Formation | dense med-coarse gr ss | Borehole | 1337 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 21.0 | 820 | 39.253231 |
| T6@8.5 | MTC\_SLOAN\_T6 | 34.490694 | -118.646491 | 8.5 | NaN | STS | Siltstone | QTs | Saugus Formation | sts, clayey sts and sandy sts | Test Pit | 1834 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 26.0 | 390 | 18.669220 |
| B101@40 | PSE\_30315S\_B101 | 34.468087 | -118.650854 | 40.0 | NaN | SS | Sandstone | QTs | Saugus Formation | gravelly ss, moist, dense | Borehole | 1421 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 30.0 | 125 | 5.983724 |
| B1@30 | PSE\_TT45646\_B1 | 34.463895 | -118.672481 | 30.0 | NaN | CGL | conglomerate | QTs | Saugus Formation | pebble conglomerate | Borehole | 1705 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 35.0 | 300 | 14.360938 |
| B3@66 | PSE\_TT45646\_B3 | 34.465085 | -118.670754 | 66.0 | NaN | STS | Siltstone | QTs | Saugus Formation | dark grey sandy siltstone | Borehole | 1656 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 33.0 | 350 | 16.754428 |
| B5@25 | PSE\_TT45646\_B5 | 34.462326 | -118.666004 | 25.0 | NaN | CGL | conglomerate | QTs | Saugus Formation | rusty brown conglomerate | Borehole | 1608 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 33.0 | 650 | 31.115366 |
| B6@10 | PSE\_TT45646\_B6 | 34.463493 | -118.672649 | 10.0 | NaN | CGL | conglomerate | QTs | Saugus Formation | massive cobble cong, with ss | Borehole | 1717 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 38.0 | 1150 | 55.050263 |
| TP2@11 | SEM\_TR31224\_TP2 | 34.492191 | -118.627536 | 11.0 | NaN | SW | Well-graded sand | QTs | Saugus Formation | dense fine to coarse sand, orange-brown | Trenching | 1296 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 24.0 | 500 | 23.934897 |
| TP3@5.5 | SEM\_TR31224\_TP3 | 34.492785 | -118.628045 | 5.5 | NaN | STS | Siltstone | QTs | Saugus Formation | clayey siltstone, grey and white mottled | Trenching | 1303 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 28.5 | 300 | 14.360938 |
| TP3@7 | SEM\_TR31224\_TP3 | 34.492785 | -118.628045 | 7.0 | NaN | SM | Silty sand | QTs | Saugus Formation | silty sand very fine-med grained, dark brown | Trenching | 1303 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 35.0 | 240 | 11.488751 |
| TP4@3 | SEM\_TR31224\_TP4 | 34.494626 | -118.626544 | 3.0 | NaN | SM | Silty sand | QTs | Saugus Formation | yellow brown silty sand with cobbles | Trenching | 1271 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 22.0 | 150 | 7.180469 |
| B5@12 | RSA\_MB2865\_B5 | 34.482524 | -118.614023 | 12.0 | NaN | SS | Sandstone | QTs | Saugus Formation | Qss white pebbly ss, coarse mod cons. | Borehole | 1115 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 30.0 | 600 | 28.721877 |
| B5@20 | RSA\_MB2865\_B5 | 34.482524 | -118.614023 | 20.0 | NaN | SS | Sandstone | QTs | Saugus Formation | Qss white pebbly ss, coarse mod cons. | Borehole | 1115 | Direct Shear | Undisturbed | Saturated | Drained | Unconsolidated | 30.0 | 250 | 11.967449 |
| SL1@20-25 | ESD\_8643S\_SL1 | 34.328467 | -118.911795 | 20.0 | 25.0 | SM | Silty sand | QTs | Saugus Formation | light brown silty sand, grades into silty ss | Test Pit | 1186 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 28.5 | 300 | 14.360938 |
| SL4@18 | ESD\_8643S\_SL4 | 34.328579 | -118.911662 | 18.0 | NaN | CL-ML | silty clay | QTs | Saugus Formation | red brown sandy clay | Test Pit | 1208 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 21.5 | 350 | 16.754428 |
| SL4@40 | ESD\_8643S\_SL4 | 34.328579 | -118.911662 | 40.0 | NaN | SS | Sandstone | QTs | Saugus Formation | red brown silty sandstone | Test Pit | 1208 | Direct Shear | Remolded | Saturated | Drained | Unconsolidated | 29.0 | 100 | 4.786979 |