

| assessment_id   | sale_id | Vacant_Improved | ASR  |
|-----------------|---------|-----------------|------|
| 382-001115304   | 1038334 | Vacant          | 1.44 |
| MACKL-505001200 | 1505220 | Vacant          | 0.92 |
| MACKL-505001250 | 2340388 | Improved        | 1.00 |
| MACKL-505001400 | 2266397 | Vacant          | 0.99 |
| MACKL-505003350 | 2332193 | Improved        | 0.85 |
| MACKL-505003400 | 2413103 | Improved        | 1.55 |
| MACKL-505004050 | 2392068 | Improved        | 1.53 |
| MACKL-505005250 | 2329120 | Improved        | 1.13 |
| MACKL-505005400 | 1027800 | Vacant          | 1.01 |
| MACKL-505005800 | 2267336 | Improved        | 0.94 |
| MACKL-505006000 | 2408383 | Improved        | 1.13 |
| MACKL-505006350 | 2291388 | Improved        | 1.15 |
| MACKL-505007250 | 2392265 | Improved        | 0.76 |
| MACKL-505007500 | 2362190 | Improved        | 0.99 |
| MACKL-505007550 | 2393455 | Vacant          | 1.10 |
| MACKL-505008000 | 2355776 | Improved        | 1.24 |
| MACKL-505009300 | 2323469 | Improved        | 2.10 |
| MACKL-505009550 | 2447341 | Improved        | 1.28 |
| MACKL-505009700 | 2396157 | Improved        | 0.99 |
| MACKL-505010650 | 2325147 | Improved        | 0.87 |
| MACKL-505010700 | 2454749 | Improved        | 0.96 |
| MACKL-505010850 | 2438913 | Improved        | 0.77 |
| MACKL-505010900 | 2339295 | Improved        | 1.09 |
| MACKL-505011050 | 2379939 | Improved        | 1.00 |
| MACKL-505011500 | 2451167 | Improved        | 1.01 |
| MACKL-505011600 | 2432804 | Improved        | 1.28 |
| MACKL-505012000 | 2372299 | Improved        | 1.36 |
| MACKL-505012550 | 2383035 | Improved        | 0.80 |
| MACKL-505013400 | 2435707 | Improved        | 0.74 |
| MACKL-505013550 | 2369140 | Improved        | 0.56 |
| MACKL-505013900 | 2329134 | Improved        | 1.08 |
| MACKL-505014700 | 2316634 | Improved        | 1.41 |
| MACKL-505014800 | 2328383 | Improved        | 1.74 |
| MACKL-505014850 | 2346828 | Improved        | 1.07 |
| MACKL-505016100 | 2404734 | Improved        | 0.81 |
| MACKL-505016150 | 2375885 | Improved        | 2.26 |
| MACKL-505016200 | 2247436 | Improved        | 0.91 |
| MACKL-505016350 | 2406318 | Improved        | 1.73 |
| MACKL-505016450 | 2398372 | Improved        | 1.15 |
| MACKL-505016600 | 2353285 | Improved        | 1.37 |
| MACKL-505016750 | 2322541 | Improved        | 0.88 |
| MACKL-505017100 | 2373074 | Improved        | 0.90 |
| MACKL-505019450 | 2323715 | Improved        | 0.88 |
| MACKL-505019700 | 2394949 | Improved        | 1.15 |
| MACKL-505026600 | 2318585 | Improved        | 0.88 |
| MACKL-505100950 | 2378113 | Improved        | 1.00 |
| MACKL-505102800 | 2262183 | Improved        | 0.95 |
| MACKL-505103350 | 2409718 | Improved        | 0.70 |
| MACKL-505103450 | 2248585 | Improved        | 1.07 |
| MACKL-505104050 | 2380039 | Improved        | 0.96 |
| MACKL-505104200 | 2257848 | Improved        | 1.21 |
| MACKL-505104400 | 2267609 | Improved        | 0.95 |

|                 |         |          |      |
|-----------------|---------|----------|------|
| MACKL-505104500 | 2332472 | Improved | 0.89 |
| MACKL-505104700 | 2295947 | Improved | 0.82 |
| MACKL-505105050 | 2321487 | Improved | 0.94 |
| MACKL-505105200 | 2446237 | Improved | 1.15 |
| MACKL-505105300 | 2443129 | Improved | 0.91 |
| MACKL-505105400 | 2340993 | Improved | 1.08 |
| MACKL-505106150 | 2365380 | Improved | 1.64 |
| MACKL-505106550 | 2438924 | Improved | 0.90 |
| MACKL-505107600 | 2318584 | Improved | 1.13 |
| MACKL-505108750 | 2443136 | Improved | 1.20 |
| MACKL-505108950 | 2380890 | Improved | 1.01 |
| MACKL-505109350 | 2380214 | Improved | 0.99 |
| MACKL-505110300 | 2318698 | Improved | 1.03 |
| MACKL-505110300 | 2437806 | Improved | 1.02 |
| MACKL-505111300 | 2397180 | Improved | 1.18 |
| MACKL-505111500 | 2357306 | Improved | 0.89 |
| MACKL-505111550 | 2284797 | Improved | 0.89 |
| MACKL-505111750 | 2345906 | Improved | 0.88 |
| MACKL-505111900 | 2370299 | Improved | 1.22 |
| MACKL-505120550 | 2436763 | Improved | 0.87 |
| MACKL-505121730 | 2343669 | Improved | 0.99 |
| MACKL-505121747 | 2284710 | Improved | 1.07 |
| MACKL-505121747 | 2334134 | Improved | 0.80 |
| MACKL-505122553 | 2267334 | Improved | 1.05 |
| MACKL-505131300 | 1031968 | Vacant   | 1.00 |
| MACKL-505131350 | 2204981 | Vacant   | 1.00 |
| MACKL-505131350 | 2396685 | Improved | 1.10 |
| MACKL-505131400 | 2204408 | Vacant   | 0.98 |
| MACKL-505131500 | 2439404 | Improved | 1.00 |
| MACKL-505131550 | 2376193 | Vacant   | 1.12 |
| MACKL-505131700 | 2446262 | Improved | 0.85 |
| MACKL-505131900 | 2294409 | Improved | 1.22 |
| MACKL-505131950 | 1049157 | Vacant   | 1.01 |
| MACKL-505132000 | 1049158 | Vacant   | 1.00 |
| MACKL-505132900 | 1024308 | Vacant   | 0.99 |
| MACKL-505132900 | 2405708 | Improved | 1.10 |
| MACKL-505133000 | 2306179 | Improved | 0.99 |
| MACKL-505133050 | 987075  | Vacant   | 0.97 |
| MACKL-505133050 | 2438601 | Improved | 0.93 |
| MACKL-505135000 | 2435951 | Improved | 0.91 |
| MACKL-505135200 | 2286472 | Improved | 1.09 |
| MACKL-505135250 | 2300865 | Improved | 1.08 |
| MACKL-505135403 | 2291219 | Improved | 1.04 |
| MACKL-505135405 | 2332420 | Improved | 0.84 |
| MACKL-505135406 | 2377756 | Improved | 0.96 |
| MACKL-505135753 | 2402762 | Improved | 0.95 |
| MACKL-515201200 | 2265422 | Vacant   | 0.98 |
| MACKL-515201300 | 1547833 | Vacant   | 1.03 |
| MACKL-515201500 | 988121  | Vacant   | 1.31 |
| MACKL-515203000 | 1041234 | Vacant   | 0.91 |
| MACKL-515203100 | 1041235 | Vacant   | 0.94 |
| MACKL-515203150 | 1021414 | Vacant   | 1.06 |
| MACKL-515203200 | 988128  | Vacant   | 1.17 |

|                 |         |          |      |
|-----------------|---------|----------|------|
| MACKL-515203300 | 988117  | Vacant   | 0.59 |
| MACKL-515203500 | 2233844 | Vacant   | 0.69 |
| MACKL-525000500 | 1517013 | Vacant   | 1.03 |
| MACKL-525000600 | 1531553 | Vacant   | 1.04 |
| MACKL-525000800 | 2266786 | Improved | 1.00 |
| MACKL-525000800 | 2431224 | Improved | 0.78 |
| MACKL-525005550 | 2344861 | Vacant   | 1.02 |
| MACKL-525005750 | 2105271 | Vacant   | 1.07 |
| MACKL-525005800 | 2102311 | Vacant   | 1.07 |
| MACKL-525005850 | 1053860 | Vacant   | 0.98 |
| MACKL-525005900 | 981782  | Vacant   | 0.87 |
| MACKL-525008450 | 1049818 | Vacant   | 0.95 |