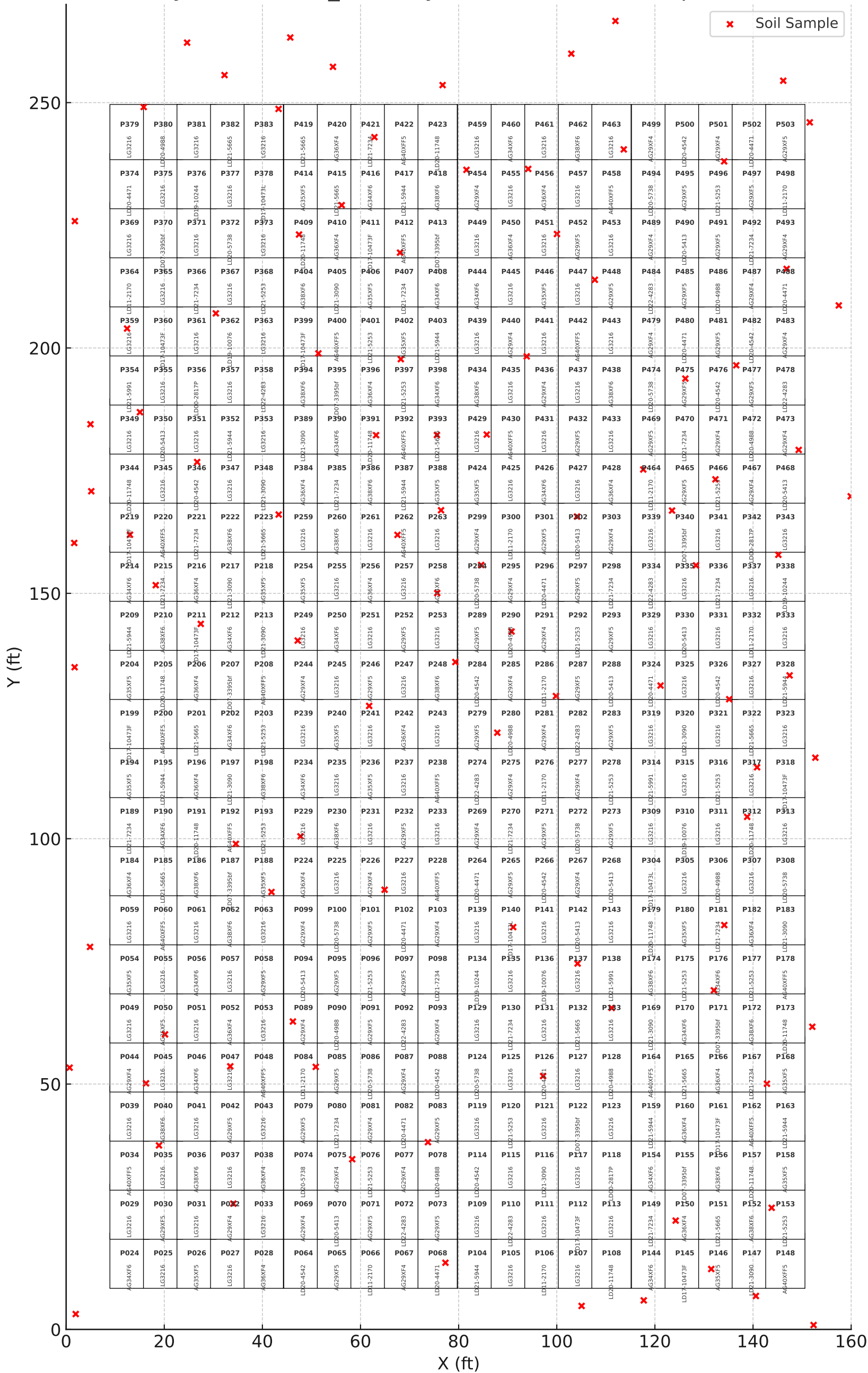


✖ Soil Sample



| Block | Row | Col | X_ft  | Y_ft | Entry    | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|-------|------|----------|---------|-------------------|--------------------|
| B1    | 0   | 0   | 12.92 | 14.0 | AG34XF6  | P024    | 40.06553846153846 | -88.20637517002082 |
| B1    | 0   | 1   | 19.76 | 14.0 | LG3216   | P025    | 40.06553846153846 | -88.20635143650242 |
| B1    | 0   | 2   | 26.59 | 14.0 | AG35XF5  | P026    | 40.06553846153846 | -88.20632773768216 |
| B1    | 0   | 3   | 33.43 | 14.0 | LG3216   | P027    | 40.06553846153846 | -88.20630400416377 |
| B1    | 0   | 4   | 40.27 | 14.0 | AG36XF4  | P028    | 40.06553846153846 | -88.20628027064538 |
| B1    | 1   | 0   | 12.92 | 24.0 | LG3216   | P029    | 40.06556593406594 | -88.20637517002082 |
| B1    | 1   | 1   | 19.76 | 24.0 | AG29XF5  | P030    | 40.06556593406594 | -88.20635143650242 |
| B1    | 1   | 2   | 26.59 | 24.0 | LG3216   | P031    | 40.06556593406594 | -88.20632773768216 |
| B1    | 1   | 3   | 33.43 | 24.0 | AG29XF4  | P032    | 40.06556593406594 | -88.20630400416377 |
| B1    | 1   | 4   | 40.27 | 24.0 | LG3216   | P033    | 40.06556593406594 | -88.20628027064538 |
| B1    | 2   | 0   | 12.92 | 34.0 | AG40XFF5 | P034    | 40.06559340659341 | -88.20637517002082 |
| B1    | 2   | 1   | 19.76 | 34.0 | LG3216   | P035    | 40.06559340659341 | -88.20635143650242 |
| B1    | 2   | 2   | 26.59 | 34.0 | AG38XF6  | P036    | 40.06559340659341 | -88.20632773768216 |
| B1    | 2   | 3   | 33.43 | 34.0 | LG3216   | P037    | 40.06559340659341 | -88.20630400416377 |
| B1    | 2   | 4   | 40.27 | 34.0 | AG36XF4  | P038    | 40.06559340659341 | -88.20628027064538 |
| B1    | 3   | 0   | 12.92 | 44.0 | LG3216   | P039    | 40.06562087912088 | -88.20637517002082 |
| B1    | 3   | 1   | 19.76 | 44.0 | AG38XF6  | P040    | 40.06562087912088 | -88.20635143650242 |
| B1    | 3   | 2   | 26.59 | 44.0 | LG3216   | P041    | 40.06562087912088 | -88.20632773768216 |
| B1    | 3   | 3   | 33.43 | 44.0 | AG29XF5  | P042    | 40.06562087912088 | -88.20630400416377 |
| B1    | 3   | 4   | 40.27 | 44.0 | LG3216   | P043    | 40.06562087912088 | -88.20628027064538 |
| B1    | 4   | 0   | 12.92 | 54.0 | AG29XF4  | P044    | 40.06564835164835 | -88.20637517002082 |
| B1    | 4   | 1   | 19.76 | 54.0 | LG3216   | P045    | 40.06564835164835 | -88.20635143650242 |
| B1    | 4   | 2   | 26.59 | 54.0 | AG34XF6  | P046    | 40.06564835164835 | -88.20632773768216 |
| B1    | 4   | 3   | 33.43 | 54.0 | LG3216   | P047    | 40.06564835164835 | -88.20630400416377 |
| B1    | 4   | 4   | 40.27 | 54.0 | AG40XFF5 | P048    | 40.06564835164835 | -88.20628027064538 |
| B1    | 5   | 0   | 12.92 | 64.0 | LG3216   | P049    | 40.06567582417583 | -88.20637517002082 |
| B1    | 5   | 1   | 19.76 | 64.0 | AG35XF5  | P050    | 40.06567582417583 | -88.20635143650242 |
| B1    | 5   | 2   | 26.59 | 64.0 | LG3216   | P051    | 40.06567582417583 | -88.20632773768216 |
| B1    | 5   | 3   | 33.43 | 64.0 | AG36XF4  | P052    | 40.06567582417583 | -88.20630400416377 |
| B1    | 5   | 4   | 40.27 | 64.0 | LG3216   | P053    | 40.06567582417583 | -88.20628027064538 |
| B1    | 6   | 0   | 12.92 | 74.0 | AG35XF5  | P054    | 40.0657032967033  | -88.20637517002082 |
| B1    | 6   | 1   | 19.76 | 74.0 | LG3216   | P055    | 40.0657032967033  | -88.20635143650242 |
| B1    | 6   | 2   | 26.59 | 74.0 | AG34XF6  | P056    | 40.0657032967033  | -88.20632773768216 |
| B1    | 6   | 3   | 33.43 | 74.0 | LG3216   | P057    | 40.0657032967033  | -88.20630400416377 |
| B1    | 6   | 4   | 40.27 | 74.0 | AG29XF5  | P058    | 40.0657032967033  | -88.20628027064538 |
| B1    | 7   | 0   | 12.92 | 84.0 | LG3216   | P059    | 40.06573076923077 | -88.20637517002082 |
| B1    | 7   | 1   | 19.76 | 84.0 | AG40XFF5 | P060    | 40.06573076923077 | -88.20635143650242 |
| B1    | 7   | 2   | 26.59 | 84.0 | LG3216   | P061    | 40.06573076923077 | -88.20632773768216 |
| B1    | 7   | 3   | 33.43 | 84.0 | AG38XF6  | P062    | 40.06573076923077 | -88.20630400416377 |
| B1    | 7   | 4   | 40.27 | 84.0 | LG3216   | P063    | 40.06573076923077 | -88.20628027064538 |

| Block | Row | Col | X_ft  | Y_ft | Entry     | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|-------|------|-----------|---------|-------------------|--------------------|
| B2    | 0   | 0   | 48.36 | 14.0 | LD20-4542 | P064    | 40.06553846153846 | -88.2062521998612  |
| B2    | 0   | 1   | 55.19 | 14.0 | AG29XF5   | P065    | 40.06553846153846 | -88.20622850104094 |
| B2    | 0   | 2   | 62.03 | 14.0 | LD11-2170 | P066    | 40.06553846153846 | -88.20620476752255 |
| B2    | 0   | 3   | 68.87 | 14.0 | AG29XF4   | P067    | 40.06553846153846 | -88.20618103400416 |
| B2    | 0   | 4   | 75.71 | 14.0 | LD20-4471 | P068    | 40.06553846153846 | -88.20615730048577 |
| B2    | 1   | 0   | 48.36 | 24.0 | AG29XF4   | P069    | 40.06556593406594 | -88.2062521998612  |
| B2    | 1   | 1   | 55.19 | 24.0 | LD20-5413 | P070    | 40.06556593406594 | -88.20622850104094 |
| B2    | 1   | 2   | 62.03 | 24.0 | AG29XF5   | P071    | 40.06556593406594 | -88.20620476752255 |
| B2    | 1   | 3   | 68.87 | 24.0 | LD22-4283 | P072    | 40.06556593406594 | -88.20618103400416 |
| B2    | 1   | 4   | 75.71 | 24.0 | AG29XF5   | P073    | 40.06556593406594 | -88.20615730048577 |
| B2    | 2   | 0   | 48.36 | 34.0 | LD20-5738 | P074    | 40.06559340659341 | -88.2062521998612  |
| B2    | 2   | 1   | 55.19 | 34.0 | AG29XF4   | P075    | 40.06559340659341 | -88.20622850104094 |
| B2    | 2   | 2   | 62.03 | 34.0 | LD21-5253 | P076    | 40.06559340659341 | -88.20620476752255 |
| B2    | 2   | 3   | 68.87 | 34.0 | AG29XF4   | P077    | 40.06559340659341 | -88.20618103400416 |
| B2    | 2   | 4   | 75.71 | 34.0 | LD20-4988 | P078    | 40.06559340659341 | -88.20615730048577 |
| B2    | 3   | 0   | 48.36 | 44.0 | AG29XF5   | P079    | 40.06562087912088 | -88.2062521998612  |
| B2    | 3   | 1   | 55.19 | 44.0 | LD21-7234 | P080    | 40.06562087912088 | -88.20622850104094 |
| B2    | 3   | 2   | 62.03 | 44.0 | AG29XF4   | P081    | 40.06562087912088 | -88.20620476752255 |
| B2    | 3   | 3   | 68.87 | 44.0 | LD20-4471 | P082    | 40.06562087912088 | -88.20618103400416 |
| B2    | 3   | 4   | 75.71 | 44.0 | AG29XF5   | P083    | 40.06562087912088 | -88.20615730048577 |
| B2    | 4   | 0   | 48.36 | 54.0 | LD11-2170 | P084    | 40.06564835164835 | -88.2062521998612  |
| B2    | 4   | 1   | 55.19 | 54.0 | AG29XF5   | P085    | 40.06564835164835 | -88.20622850104094 |
| B2    | 4   | 2   | 62.03 | 54.0 | LD20-5738 | P086    | 40.06564835164835 | -88.20620476752255 |
| B2    | 4   | 3   | 68.87 | 54.0 | AG29XF4   | P087    | 40.06564835164835 | -88.20618103400416 |
| B2    | 4   | 4   | 75.71 | 54.0 | LD20-4542 | P088    | 40.06564835164835 | -88.20615730048577 |
| B2    | 5   | 0   | 48.36 | 64.0 | AG29XF4   | P089    | 40.06567582417583 | -88.2062521998612  |
| B2    | 5   | 1   | 55.19 | 64.0 | LD20-4988 | P090    | 40.06567582417583 | -88.20622850104094 |
| B2    | 5   | 2   | 62.03 | 64.0 | AG29XF5   | P091    | 40.06567582417583 | -88.20620476752255 |
| B2    | 5   | 3   | 68.87 | 64.0 | LD22-4283 | P092    | 40.06567582417583 | -88.20618103400416 |
| B2    | 5   | 4   | 75.71 | 64.0 | AG29XF4   | P093    | 40.06567582417583 | -88.20615730048577 |
| B2    | 6   | 0   | 48.36 | 74.0 | LD20-5413 | P094    | 40.0657032967033  | -88.2062521998612  |
| B2    | 6   | 1   | 55.19 | 74.0 | AG29XF5   | P095    | 40.0657032967033  | -88.20622850104094 |
| B2    | 6   | 2   | 62.03 | 74.0 | LD21-5253 | P096    | 40.0657032967033  | -88.20620476752255 |
| B2    | 6   | 3   | 68.87 | 74.0 | AG29XF5   | P097    | 40.0657032967033  | -88.20618103400416 |
| B2    | 6   | 4   | 75.71 | 74.0 | LD21-7234 | P098    | 40.0657032967033  | -88.20615730048577 |
| B2    | 7   | 0   | 48.36 | 84.0 | AG29XF4   | P099    | 40.06573076923077 | -88.2062521998612  |
| B2    | 7   | 1   | 55.19 | 84.0 | LD20-5738 | P100    | 40.06573076923077 | -88.20622850104094 |
| B2    | 7   | 2   | 62.03 | 84.0 | AG29XF5   | P101    | 40.06573076923077 | -88.20620476752255 |
| B2    | 7   | 3   | 68.87 | 84.0 | LD20-4471 | P102    | 40.06573076923077 | -88.20618103400416 |
| B2    | 7   | 4   | 75.71 | 84.0 | AG29XF4   | P103    | 40.06573076923077 | -88.20615730048577 |

| Block | Row | Col | X_ft   | Y_ft | Entry       | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|--------|------|-------------|---------|-------------------|--------------------|
| B3    | 0   | 0   | 83.79  | 14.0 | LD21-5944   | P104    | 40.06553846153846 | -88.20612926439972 |
| B3    | 0   | 1   | 90.63  | 14.0 | LG3216      | P105    | 40.06553846153846 | -88.20610553088133 |
| B3    | 0   | 2   | 97.47  | 14.0 | LD11-2170   | P106    | 40.06553846153846 | -88.20608179736294 |
| B3    | 0   | 3   | 104.31 | 14.0 | LG3216      | P107    | 40.06553846153846 | -88.20605806384455 |
| B3    | 0   | 4   | 111.14 | 14.0 | LD20-11748  | P108    | 40.06553846153846 | -88.20603436502428 |
| B3    | 1   | 0   | 83.79  | 24.0 | LG3216      | P109    | 40.06556593406594 | -88.20612926439972 |
| B3    | 1   | 1   | 90.63  | 24.0 | LD22-4283   | P110    | 40.06556593406594 | -88.20610553088133 |
| B3    | 1   | 2   | 97.47  | 24.0 | LG3216      | P111    | 40.06556593406594 | -88.20608179736294 |
| B3    | 1   | 3   | 104.31 | 24.0 | LD17-10473F | P112    | 40.06556593406594 | -88.20605806384455 |
| B3    | 1   | 4   | 111.14 | 24.0 | LG3216      | P113    | 40.06556593406594 | -88.20603436502428 |
| B3    | 2   | 0   | 83.79  | 34.0 | LD20-4542   | P114    | 40.06559340659341 | -88.20612926439972 |
| B3    | 2   | 1   | 90.63  | 34.0 | LG3216      | P115    | 40.06559340659341 | -88.20610553088133 |
| B3    | 2   | 2   | 97.47  | 34.0 | LD21-3090   | P116    | 40.06559340659341 | -88.20608179736294 |
| B3    | 2   | 3   | 104.31 | 34.0 | LG3216      | P117    | 40.06559340659341 | -88.20605806384455 |
| B3    | 2   | 4   | 111.14 | 34.0 | LD00-2817P  | P118    | 40.06559340659341 | -88.20603436502428 |
| B3    | 3   | 0   | 83.79  | 44.0 | LG3216      | P119    | 40.06562087912088 | -88.20612926439972 |
| B3    | 3   | 1   | 90.63  | 44.0 | LD21-5253   | P120    | 40.06562087912088 | -88.20610553088133 |
| B3    | 3   | 2   | 97.47  | 44.0 | LG3216      | P121    | 40.06562087912088 | -88.20608179736294 |
| B3    | 3   | 3   | 104.31 | 44.0 | LD07-3395bf | P122    | 40.06562087912088 | -88.20605806384455 |
| B3    | 3   | 4   | 111.14 | 44.0 | LG3216      | P123    | 40.06562087912088 | -88.20603436502428 |
| B3    | 4   | 0   | 83.79  | 54.0 | LD20-5738   | P124    | 40.06564835164835 | -88.20612926439972 |
| B3    | 4   | 1   | 90.63  | 54.0 | LG3216      | P125    | 40.06564835164835 | -88.20610553088133 |
| B3    | 4   | 2   | 97.47  | 54.0 | LD20-4471   | P126    | 40.06564835164835 | -88.20608179736294 |
| B3    | 4   | 3   | 104.31 | 54.0 | LG3216      | P127    | 40.06564835164835 | -88.20605806384455 |
| B3    | 4   | 4   | 111.14 | 54.0 | LD20-4988   | P128    | 40.06564835164835 | -88.20603436502428 |
| B3    | 5   | 0   | 83.79  | 64.0 | LG3216      | P129    | 40.06567582417583 | -88.20612926439972 |
| B3    | 5   | 1   | 90.63  | 64.0 | LD21-7234   | P130    | 40.06567582417583 | -88.20610553088133 |
| B3    | 5   | 2   | 97.47  | 64.0 | LG3216      | P131    | 40.06567582417583 | -88.20608179736294 |
| B3    | 5   | 3   | 104.31 | 64.0 | LD21-5665   | P132    | 40.06567582417583 | -88.20605806384455 |
| B3    | 5   | 4   | 111.14 | 64.0 | LG3216      | P133    | 40.06567582417583 | -88.20603436502428 |
| B3    | 6   | 0   | 83.79  | 74.0 | LD19-10244  | P134    | 40.0657032967033  | -88.20612926439972 |
| B3    | 6   | 1   | 90.63  | 74.0 | LG3216      | P135    | 40.0657032967033  | -88.20610553088133 |
| B3    | 6   | 2   | 97.47  | 74.0 | LD19-10076  | P136    | 40.0657032967033  | -88.20608179736294 |
| B3    | 6   | 3   | 104.31 | 74.0 | LG3216      | P137    | 40.0657032967033  | -88.20605806384455 |
| B3    | 6   | 4   | 111.14 | 74.0 | LD21-5991   | P138    | 40.0657032967033  | -88.20603436502428 |
| B3    | 7   | 0   | 83.79  | 84.0 | LG3216      | P139    | 40.06573076923077 | -88.20612926439972 |
| B3    | 7   | 1   | 90.63  | 84.0 | LD17-10473L | P140    | 40.06573076923077 | -88.20610553088133 |
| B3    | 7   | 2   | 97.47  | 84.0 | LG3216      | P141    | 40.06573076923077 | -88.20608179736294 |
| B3    | 7   | 3   | 104.31 | 84.0 | LD20-5413   | P142    | 40.06573076923077 | -88.20605806384455 |
| B3    | 7   | 4   | 111.14 | 84.0 | LG3216      | P143    | 40.06573076923077 | -88.20603436502428 |

| Block | Row | Col | X_ft   | Y_ft | Entry       | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|--------|------|-------------|---------|-------------------|--------------------|
| B4    | 0   | 0   | 119.23 | 14.0 | AG34XF6     | P144    | 40.06553846153846 | -88.20600629424011 |
| B4    | 0   | 1   | 126.07 | 14.0 | LD17-10473F | P145    | 40.06553846153846 | -88.20598256072172 |
| B4    | 0   | 2   | 132.91 | 14.0 | AG35XF5     | P146    | 40.06553846153846 | -88.20595882720333 |
| B4    | 0   | 3   | 139.74 | 14.0 | LD21-3090   | P147    | 40.06553846153846 | -88.20593512838306 |
| B4    | 0   | 4   | 146.58 | 14.0 | AG40XFF5    | P148    | 40.06553846153846 | -88.20591139486467 |
| B4    | 1   | 0   | 119.23 | 24.0 | LD21-7234   | P149    | 40.06556593406594 | -88.20600629424011 |
| B4    | 1   | 1   | 126.07 | 24.0 | AG36XF4     | P150    | 40.06556593406594 | -88.20598256072172 |
| B4    | 1   | 2   | 132.91 | 24.0 | LD21-5665   | P151    | 40.06556593406594 | -88.20595882720333 |
| B4    | 1   | 3   | 139.74 | 24.0 | AG38XF6     | P152    | 40.06556593406594 | -88.20593512838306 |
| B4    | 1   | 4   | 146.58 | 24.0 | LD21-5253   | P153    | 40.06556593406594 | -88.20591139486467 |
| B4    | 2   | 0   | 119.23 | 34.0 | AG34XF6     | P154    | 40.06559340659341 | -88.20600629424011 |
| B4    | 2   | 1   | 126.07 | 34.0 | LD07-3395bf | P155    | 40.06559340659341 | -88.20598256072172 |
| B4    | 2   | 2   | 132.91 | 34.0 | AG38XF6     | P156    | 40.06559340659341 | -88.20595882720333 |
| B4    | 2   | 3   | 139.74 | 34.0 | LD20-11748  | P157    | 40.06559340659341 | -88.20593512838306 |
| B4    | 2   | 4   | 146.58 | 34.0 | AG35XF5     | P158    | 40.06559340659341 | -88.20591139486467 |
| B4    | 3   | 0   | 119.23 | 44.0 | LD21-5944   | P159    | 40.06562087912088 | -88.20600629424011 |
| B4    | 3   | 1   | 126.07 | 44.0 | AG36XF4     | P160    | 40.06562087912088 | -88.20598256072172 |
| B4    | 3   | 2   | 132.91 | 44.0 | LD17-10473F | P161    | 40.06562087912088 | -88.20595882720333 |
| B4    | 3   | 3   | 139.74 | 44.0 | AG40XFF5    | P162    | 40.06562087912088 | -88.20593512838306 |
| B4    | 3   | 4   | 146.58 | 44.0 | LD21-5944   | P163    | 40.06562087912088 | -88.20591139486467 |
| B4    | 4   | 0   | 119.23 | 54.0 | AG40XFF5    | P164    | 40.06564835164835 | -88.20600629424011 |
| B4    | 4   | 1   | 126.07 | 54.0 | LD21-5665   | P165    | 40.06564835164835 | -88.20598256072172 |
| B4    | 4   | 2   | 132.91 | 54.0 | AG36XF4     | P166    | 40.06564835164835 | -88.20595882720333 |
| B4    | 4   | 3   | 139.74 | 54.0 | LD21-7234   | P167    | 40.06564835164835 | -88.20593512838306 |
| B4    | 4   | 4   | 146.58 | 54.0 | AG35XF5     | P168    | 40.06564835164835 | -88.20591139486467 |
| B4    | 5   | 0   | 119.23 | 64.0 | LD21-3090   | P169    | 40.06567582417583 | -88.20600629424011 |
| B4    | 5   | 1   | 126.07 | 64.0 | AG34XF6     | P170    | 40.06567582417583 | -88.20598256072172 |
| B4    | 5   | 2   | 132.91 | 64.0 | LD07-3395bf | P171    | 40.06567582417583 | -88.20595882720333 |
| B4    | 5   | 3   | 139.74 | 64.0 | AG38XF6     | P172    | 40.06567582417583 | -88.20593512838306 |
| B4    | 5   | 4   | 146.58 | 64.0 | LD20-11748  | P173    | 40.06567582417583 | -88.20591139486467 |
| B4    | 6   | 0   | 119.23 | 74.0 | AG38XF6     | P174    | 40.0657032967033  | -88.20600629424011 |
| B4    | 6   | 1   | 126.07 | 74.0 | LD21-5253   | P175    | 40.0657032967033  | -88.20598256072172 |
| B4    | 6   | 2   | 132.91 | 74.0 | AG34XF6     | P176    | 40.0657032967033  | -88.20595882720333 |
| B4    | 6   | 3   | 139.74 | 74.0 | LD21-5253   | P177    | 40.0657032967033  | -88.20593512838306 |
| B4    | 6   | 4   | 146.58 | 74.0 | AG40XFF5    | P178    | 40.0657032967033  | -88.20591139486467 |
| B4    | 7   | 0   | 119.23 | 84.0 | LD20-11748  | P179    | 40.06573076923077 | -88.20600629424011 |
| B4    | 7   | 1   | 126.07 | 84.0 | AG35XF5     | P180    | 40.06573076923077 | -88.20598256072172 |
| B4    | 7   | 2   | 132.91 | 84.0 | LD21-7234   | P181    | 40.06573076923077 | -88.20595882720333 |
| B4    | 7   | 3   | 139.74 | 84.0 | AG36XF4     | P182    | 40.06573076923077 | -88.20593512838306 |
| B4    | 7   | 4   | 146.58 | 84.0 | LD21-3090   | P183    | 40.06573076923077 | -88.20591139486467 |

| Block | Row | Col | X_ft  | Y_ft  | Entry       | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|-------|-------|-------------|---------|-------------------|--------------------|
| B5    | 0   | 0   | 12.92 | 94.0  | AG36XF4     | P184    | 40.06575824175824 | -88.20637517002082 |
| B5    | 0   | 1   | 19.76 | 94.0  | LD21-5665   | P185    | 40.06575824175824 | -88.20635143650242 |
| B5    | 0   | 2   | 26.59 | 94.0  | AG38XF6     | P186    | 40.06575824175824 | -88.20632773768216 |
| B5    | 0   | 3   | 33.43 | 94.0  | LD07-3395bf | P187    | 40.06575824175824 | -88.20630400416377 |
| B5    | 0   | 4   | 40.27 | 94.0  | AG35XF5     | P188    | 40.06575824175824 | -88.20628027064538 |
| B5    | 1   | 0   | 12.92 | 104.0 | LD21-7234   | P189    | 40.06578571428572 | -88.20637517002082 |
| B5    | 1   | 1   | 19.76 | 104.0 | AG34XF6     | P190    | 40.06578571428572 | -88.20635143650242 |
| B5    | 1   | 2   | 26.59 | 104.0 | LD20-11748  | P191    | 40.06578571428572 | -88.20632773768216 |
| B5    | 1   | 3   | 33.43 | 104.0 | AG40XFF5    | P192    | 40.06578571428572 | -88.20630400416377 |
| B5    | 1   | 4   | 40.27 | 104.0 | LD21-5253   | P193    | 40.06578571428572 | -88.20628027064538 |
| B5    | 2   | 0   | 12.92 | 114.0 | AG35XF5     | P194    | 40.06581318681319 | -88.20637517002082 |
| B5    | 2   | 1   | 19.76 | 114.0 | LD21-5944   | P195    | 40.06581318681319 | -88.20635143650242 |
| B5    | 2   | 2   | 26.59 | 114.0 | AG36XF4     | P196    | 40.06581318681319 | -88.20632773768216 |
| B5    | 2   | 3   | 33.43 | 114.0 | LD21-3090   | P197    | 40.06581318681319 | -88.20630400416377 |
| B5    | 2   | 4   | 40.27 | 114.0 | AG38XF6     | P198    | 40.06581318681319 | -88.20628027064538 |
| B5    | 3   | 0   | 12.92 | 124.0 | LD17-10473F | P199    | 40.06584065934066 | -88.20637517002082 |
| B5    | 3   | 1   | 19.76 | 124.0 | AG40XFF5    | P200    | 40.06584065934066 | -88.20635143650242 |
| B5    | 3   | 2   | 26.59 | 124.0 | LD21-5665   | P201    | 40.06584065934066 | -88.20632773768216 |
| B5    | 3   | 3   | 33.43 | 124.0 | AG34XF6     | P202    | 40.06584065934066 | -88.20630400416377 |
| B5    | 3   | 4   | 40.27 | 124.0 | LD21-5253   | P203    | 40.06584065934066 | -88.20628027064538 |
| B5    | 4   | 0   | 12.92 | 134.0 | AG35XF5     | P204    | 40.06586813186813 | -88.20637517002082 |
| B5    | 4   | 1   | 19.76 | 134.0 | LD20-11748  | P205    | 40.06586813186813 | -88.20635143650242 |
| B5    | 4   | 2   | 26.59 | 134.0 | AG36XF4     | P206    | 40.06586813186813 | -88.20632773768216 |
| B5    | 4   | 3   | 33.43 | 134.0 | LD07-3395bf | P207    | 40.06586813186813 | -88.20630400416377 |
| B5    | 4   | 4   | 40.27 | 134.0 | AG40XFF5    | P208    | 40.06586813186813 | -88.20628027064538 |
| B5    | 5   | 0   | 12.92 | 144.0 | LD21-5944   | P209    | 40.06589560439561 | -88.20637517002082 |
| B5    | 5   | 1   | 19.76 | 144.0 | AG38XF6     | P210    | 40.06589560439561 | -88.20635143650242 |
| B5    | 5   | 2   | 26.59 | 144.0 | LD17-10473F | P211    | 40.06589560439561 | -88.20632773768216 |
| B5    | 5   | 3   | 33.43 | 144.0 | AG34XF6     | P212    | 40.06589560439561 | -88.20630400416377 |
| B5    | 5   | 4   | 40.27 | 144.0 | LD21-3090   | P213    | 40.06589560439561 | -88.20628027064538 |
| B5    | 6   | 0   | 12.92 | 154.0 | AG34XF6     | P214    | 40.06592307692308 | -88.20637517002082 |
| B5    | 6   | 1   | 19.76 | 154.0 | LD21-7234   | P215    | 40.06592307692308 | -88.20635143650242 |
| B5    | 6   | 2   | 26.59 | 154.0 | AG36XF4     | P216    | 40.06592307692308 | -88.20632773768216 |
| B5    | 6   | 3   | 33.43 | 154.0 | LD21-3090   | P217    | 40.06592307692308 | -88.20630400416377 |
| B5    | 6   | 4   | 40.27 | 154.0 | AG35XF5     | P218    | 40.06592307692308 | -88.20628027064538 |
| B5    | 7   | 0   | 12.92 | 164.0 | LD17-10473F | P219    | 40.06595054945055 | -88.20637517002082 |
| B5    | 7   | 1   | 19.76 | 164.0 | AG40XFF5    | P220    | 40.06595054945055 | -88.20635143650242 |
| B5    | 7   | 2   | 26.59 | 164.0 | LD21-7234   | P221    | 40.06595054945055 | -88.20632773768216 |
| B5    | 7   | 3   | 33.43 | 164.0 | AG38XF6     | P222    | 40.06595054945055 | -88.20630400416377 |
| B5    | 7   | 4   | 40.27 | 164.0 | LD21-5665   | P223    | 40.06595054945055 | -88.20628027064538 |

| Block | Row | Col | X_ft  | Y_ft  | Entry    | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|-------|-------|----------|---------|-------------------|--------------------|
| B6    | 0   | 0   | 48.36 | 94.0  | AG36XF4  | P224    | 40.06575824175824 | -88.2062521998612  |
| B6    | 0   | 1   | 55.19 | 94.0  | LG3216   | P225    | 40.06575824175824 | -88.20622850104094 |
| B6    | 0   | 2   | 62.03 | 94.0  | AG29XF4  | P226    | 40.06575824175824 | -88.20620476752255 |
| B6    | 0   | 3   | 68.87 | 94.0  | LG3216   | P227    | 40.06575824175824 | -88.20618103400416 |
| B6    | 0   | 4   | 75.71 | 94.0  | AG40XFF5 | P228    | 40.06575824175824 | -88.20615730048577 |
| B6    | 1   | 0   | 48.36 | 104.0 | LG3216   | P229    | 40.06578571428572 | -88.2062521998612  |
| B6    | 1   | 1   | 55.19 | 104.0 | AG38XF6  | P230    | 40.06578571428572 | -88.20622850104094 |
| B6    | 1   | 2   | 62.03 | 104.0 | LG3216   | P231    | 40.06578571428572 | -88.20620476752255 |
| B6    | 1   | 3   | 68.87 | 104.0 | AG29XF5  | P232    | 40.06578571428572 | -88.20618103400416 |
| B6    | 1   | 4   | 75.71 | 104.0 | LG3216   | P233    | 40.06578571428572 | -88.20615730048577 |
| B6    | 2   | 0   | 48.36 | 114.0 | AG34XF6  | P234    | 40.06581318681319 | -88.2062521998612  |
| B6    | 2   | 1   | 55.19 | 114.0 | LG3216   | P235    | 40.06581318681319 | -88.20622850104094 |
| B6    | 2   | 2   | 62.03 | 114.0 | AG35XF5  | P236    | 40.06581318681319 | -88.20620476752255 |
| B6    | 2   | 3   | 68.87 | 114.0 | LG3216   | P237    | 40.06581318681319 | -88.20618103400416 |
| B6    | 2   | 4   | 75.71 | 114.0 | AG40XFF5 | P238    | 40.06581318681319 | -88.20615730048577 |
| B6    | 3   | 0   | 48.36 | 124.0 | LG3216   | P239    | 40.06584065934066 | -88.2062521998612  |
| B6    | 3   | 1   | 55.19 | 124.0 | AG35XF5  | P240    | 40.06584065934066 | -88.20622850104094 |
| B6    | 3   | 2   | 62.03 | 124.0 | LG3216   | P241    | 40.06584065934066 | -88.20620476752255 |
| B6    | 3   | 3   | 68.87 | 124.0 | AG36XF4  | P242    | 40.06584065934066 | -88.20618103400416 |
| B6    | 3   | 4   | 75.71 | 124.0 | LG3216   | P243    | 40.06584065934066 | -88.20615730048577 |
| B6    | 4   | 0   | 48.36 | 134.0 | AG29XF4  | P244    | 40.06586813186813 | -88.2062521998612  |
| B6    | 4   | 1   | 55.19 | 134.0 | LG3216   | P245    | 40.06586813186813 | -88.20622850104094 |
| B6    | 4   | 2   | 62.03 | 134.0 | AG29XF5  | P246    | 40.06586813186813 | -88.20620476752255 |
| B6    | 4   | 3   | 68.87 | 134.0 | LG3216   | P247    | 40.06586813186813 | -88.20618103400416 |
| B6    | 4   | 4   | 75.71 | 134.0 | AG38XF6  | P248    | 40.06586813186813 | -88.20615730048577 |
| B6    | 5   | 0   | 48.36 | 144.0 | LG3216   | P249    | 40.06589560439561 | -88.2062521998612  |
| B6    | 5   | 1   | 55.19 | 144.0 | AG34XF6  | P250    | 40.06589560439561 | -88.20622850104094 |
| B6    | 5   | 2   | 62.03 | 144.0 | LG3216   | P251    | 40.06589560439561 | -88.20620476752255 |
| B6    | 5   | 3   | 68.87 | 144.0 | AG29XF5  | P252    | 40.06589560439561 | -88.20618103400416 |
| B6    | 5   | 4   | 75.71 | 144.0 | LG3216   | P253    | 40.06589560439561 | -88.20615730048577 |
| B6    | 6   | 0   | 48.36 | 154.0 | AG35XF5  | P254    | 40.06592307692308 | -88.2062521998612  |
| B6    | 6   | 1   | 55.19 | 154.0 | LG3216   | P255    | 40.06592307692308 | -88.20622850104094 |
| B6    | 6   | 2   | 62.03 | 154.0 | AG36XF4  | P256    | 40.06592307692308 | -88.20620476752255 |
| B6    | 6   | 3   | 68.87 | 154.0 | LG3216   | P257    | 40.06592307692308 | -88.20618103400416 |
| B6    | 6   | 4   | 75.71 | 154.0 | AG34XF6  | P258    | 40.06592307692308 | -88.20615730048577 |
| B6    | 7   | 0   | 48.36 | 164.0 | LG3216   | P259    | 40.06595054945055 | -88.2062521998612  |
| B6    | 7   | 1   | 55.19 | 164.0 | AG38XF6  | P260    | 40.06595054945055 | -88.20622850104094 |
| B6    | 7   | 2   | 62.03 | 164.0 | LG3216   | P261    | 40.06595054945055 | -88.20620476752255 |
| B6    | 7   | 3   | 68.87 | 164.0 | AG40XFF5 | P262    | 40.06595054945055 | -88.20618103400416 |
| B6    | 7   | 4   | 75.71 | 164.0 | LG3216   | P263    | 40.06595054945055 | -88.20615730048577 |

| Block | Row | Col | X_ft   | Y_ft  | Entry     | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|--------|-------|-----------|---------|-------------------|--------------------|
| B7    | 0   | 0   | 83.79  | 94.0  | LD20-4471 | P264    | 40.06575824175824 | -88.20612926439972 |
| B7    | 0   | 1   | 90.63  | 94.0  | AG29XF5   | P265    | 40.06575824175824 | -88.20610553088133 |
| B7    | 0   | 2   | 97.47  | 94.0  | LD20-4542 | P266    | 40.06575824175824 | -88.20608179736294 |
| B7    | 0   | 3   | 104.31 | 94.0  | AG29XF4   | P267    | 40.06575824175824 | -88.20605806384455 |
| B7    | 0   | 4   | 111.14 | 94.0  | LD20-5413 | P268    | 40.06575824175824 | -88.20603436502428 |
| B7    | 1   | 0   | 83.79  | 104.0 | AG29XF4   | P269    | 40.06578571428572 | -88.20612926439972 |
| B7    | 1   | 1   | 90.63  | 104.0 | LD21-7234 | P270    | 40.06578571428572 | -88.20610553088133 |
| B7    | 1   | 2   | 97.47  | 104.0 | AG29XF5   | P271    | 40.06578571428572 | -88.20608179736294 |
| B7    | 1   | 3   | 104.31 | 104.0 | LD20-5738 | P272    | 40.06578571428572 | -88.20605806384455 |
| B7    | 1   | 4   | 111.14 | 104.0 | AG29XF5   | P273    | 40.06578571428572 | -88.20603436502428 |
| B7    | 2   | 0   | 83.79  | 114.0 | LD22-4283 | P274    | 40.06581318681319 | -88.20612926439972 |
| B7    | 2   | 1   | 90.63  | 114.0 | AG29XF4   | P275    | 40.06581318681319 | -88.20610553088133 |
| B7    | 2   | 2   | 97.47  | 114.0 | LD11-2170 | P276    | 40.06581318681319 | -88.20608179736294 |
| B7    | 2   | 3   | 104.31 | 114.0 | AG29XF4   | P277    | 40.06581318681319 | -88.20605806384455 |
| B7    | 2   | 4   | 111.14 | 114.0 | LD21-5253 | P278    | 40.06581318681319 | -88.20603436502428 |
| B7    | 3   | 0   | 83.79  | 124.0 | AG29XF5   | P279    | 40.06584065934066 | -88.20612926439972 |
| B7    | 3   | 1   | 90.63  | 124.0 | LD20-4988 | P280    | 40.06584065934066 | -88.20610553088133 |
| B7    | 3   | 2   | 97.47  | 124.0 | AG29XF4   | P281    | 40.06584065934066 | -88.20608179736294 |
| B7    | 3   | 3   | 104.31 | 124.0 | LD22-4283 | P282    | 40.06584065934066 | -88.20605806384455 |
| B7    | 3   | 4   | 111.14 | 124.0 | AG29XF5   | P283    | 40.06584065934066 | -88.20603436502428 |
| B7    | 4   | 0   | 83.79  | 134.0 | LD20-4542 | P284    | 40.06586813186813 | -88.20612926439972 |
| B7    | 4   | 1   | 90.63  | 134.0 | AG29XF4   | P285    | 40.06586813186813 | -88.20610553088133 |
| B7    | 4   | 2   | 97.47  | 134.0 | LD11-2170 | P286    | 40.06586813186813 | -88.20608179736294 |
| B7    | 4   | 3   | 104.31 | 134.0 | AG29XF5   | P287    | 40.06586813186813 | -88.20605806384455 |
| B7    | 4   | 4   | 111.14 | 134.0 | LD20-5413 | P288    | 40.06586813186813 | -88.20603436502428 |
| B7    | 5   | 0   | 83.79  | 144.0 | AG29XF5   | P289    | 40.06589560439561 | -88.20612926439972 |
| B7    | 5   | 1   | 90.63  | 144.0 | LD20-4988 | P290    | 40.06589560439561 | -88.20610553088133 |
| B7    | 5   | 2   | 97.47  | 144.0 | AG29XF4   | P291    | 40.06589560439561 | -88.20608179736294 |
| B7    | 5   | 3   | 104.31 | 144.0 | LD21-5253 | P292    | 40.06589560439561 | -88.20605806384455 |
| B7    | 5   | 4   | 111.14 | 144.0 | AG29XF5   | P293    | 40.06589560439561 | -88.20603436502428 |
| B7    | 6   | 0   | 83.79  | 154.0 | LD20-5738 | P294    | 40.06592307692308 | -88.20612926439972 |
| B7    | 6   | 1   | 90.63  | 154.0 | AG29XF4   | P295    | 40.06592307692308 | -88.20610553088133 |
| B7    | 6   | 2   | 97.47  | 154.0 | LD20-4471 | P296    | 40.06592307692308 | -88.20608179736294 |
| B7    | 6   | 3   | 104.31 | 154.0 | AG29XF5   | P297    | 40.06592307692308 | -88.20605806384455 |
| B7    | 6   | 4   | 111.14 | 154.0 | LD21-7234 | P298    | 40.06592307692308 | -88.20603436502428 |
| B7    | 7   | 0   | 83.79  | 164.0 | AG29XF4   | P299    | 40.06595054945055 | -88.20612926439972 |
| B7    | 7   | 1   | 90.63  | 164.0 | LD11-2170 | P300    | 40.06595054945055 | -88.20610553088133 |
| B7    | 7   | 2   | 97.47  | 164.0 | AG29XF5   | P301    | 40.06595054945055 | -88.20608179736294 |
| B7    | 7   | 3   | 104.31 | 164.0 | LD20-5413 | P302    | 40.06595054945055 | -88.20605806384455 |
| B7    | 7   | 4   | 111.14 | 164.0 | AG29XF4   | P303    | 40.06595054945055 | -88.20603436502428 |



| Block | Row | Col | X_ft   | Y_ft  | Entry       | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|--------|-------|-------------|---------|-------------------|--------------------|
| B8    | 0   | 0   | 119.23 | 94.0  | LD17-10473L | P304    | 40.06575824175824 | -88.20600629424011 |
| B8    | 0   | 1   | 126.07 | 94.0  | LG3216      | P305    | 40.06575824175824 | -88.20598256072172 |
| B8    | 0   | 2   | 132.91 | 94.0  | LD20-4988   | P306    | 40.06575824175824 | -88.20595882720333 |
| B8    | 0   | 3   | 139.74 | 94.0  | LG3216      | P307    | 40.06575824175824 | -88.20593512838306 |
| B8    | 0   | 4   | 146.58 | 94.0  | LD20-5738   | P308    | 40.06575824175824 | -88.20591139486467 |
| B8    | 1   | 0   | 119.23 | 104.0 | LG3216      | P309    | 40.06578571428572 | -88.20600629424011 |
| B8    | 1   | 1   | 126.07 | 104.0 | LD19-10076  | P310    | 40.06578571428572 | -88.20598256072172 |
| B8    | 1   | 2   | 132.91 | 104.0 | LG3216      | P311    | 40.06578571428572 | -88.20595882720333 |
| B8    | 1   | 3   | 139.74 | 104.0 | LD20-11748  | P312    | 40.06578571428572 | -88.20593512838306 |
| B8    | 1   | 4   | 146.58 | 104.0 | LG3216      | P313    | 40.06578571428572 | -88.20591139486467 |
| B8    | 2   | 0   | 119.23 | 114.0 | LD21-5991   | P314    | 40.06581318681319 | -88.20600629424011 |
| B8    | 2   | 1   | 126.07 | 114.0 | LG3216      | P315    | 40.06581318681319 | -88.20598256072172 |
| B8    | 2   | 2   | 132.91 | 114.0 | LD21-5253   | P316    | 40.06581318681319 | -88.20595882720333 |
| B8    | 2   | 3   | 139.74 | 114.0 | LG3216      | P317    | 40.06581318681319 | -88.20593512838306 |
| B8    | 2   | 4   | 146.58 | 114.0 | LD17-10473F | P318    | 40.06581318681319 | -88.20591139486467 |
| B8    | 3   | 0   | 119.23 | 124.0 | LG3216      | P319    | 40.06584065934066 | -88.20600629424011 |
| B8    | 3   | 1   | 126.07 | 124.0 | LD21-3090   | P320    | 40.06584065934066 | -88.20598256072172 |
| B8    | 3   | 2   | 132.91 | 124.0 | LG3216      | P321    | 40.06584065934066 | -88.20595882720333 |
| B8    | 3   | 3   | 139.74 | 124.0 | LD21-5665   | P322    | 40.06584065934066 | -88.20593512838306 |
| B8    | 3   | 4   | 146.58 | 124.0 | LG3216      | P323    | 40.06584065934066 | -88.20591139486467 |
| B8    | 4   | 0   | 119.23 | 134.0 | LD20-4471   | P324    | 40.06586813186813 | -88.20600629424011 |
| B8    | 4   | 1   | 126.07 | 134.0 | LG3216      | P325    | 40.06586813186813 | -88.20598256072172 |
| B8    | 4   | 2   | 132.91 | 134.0 | LD20-4542   | P326    | 40.06586813186813 | -88.20595882720333 |
| B8    | 4   | 3   | 139.74 | 134.0 | LG3216      | P327    | 40.06586813186813 | -88.20593512838306 |
| B8    | 4   | 4   | 146.58 | 134.0 | LD21-5944   | P328    | 40.06586813186813 | -88.20591139486467 |
| B8    | 5   | 0   | 119.23 | 144.0 | LG3216      | P329    | 40.06589560439561 | -88.20600629424011 |
| B8    | 5   | 1   | 126.07 | 144.0 | LD20-5413   | P330    | 40.06589560439561 | -88.20598256072172 |
| B8    | 5   | 2   | 132.91 | 144.0 | LG3216      | P331    | 40.06589560439561 | -88.20595882720333 |
| B8    | 5   | 3   | 139.74 | 144.0 | LD11-2170   | P332    | 40.06589560439561 | -88.20593512838306 |
| B8    | 5   | 4   | 146.58 | 144.0 | LG3216      | P333    | 40.06589560439561 | -88.20591139486467 |
| B8    | 6   | 0   | 119.23 | 154.0 | LD22-4283   | P334    | 40.06592307692308 | -88.20600629424011 |
| B8    | 6   | 1   | 126.07 | 154.0 | LG3216      | P335    | 40.06592307692308 | -88.20598256072172 |
| B8    | 6   | 2   | 132.91 | 154.0 | LD21-7234   | P336    | 40.06592307692308 | -88.20595882720333 |
| B8    | 6   | 3   | 139.74 | 154.0 | LG3216      | P337    | 40.06592307692308 | -88.20593512838306 |
| B8    | 6   | 4   | 146.58 | 154.0 | LD19-10244  | P338    | 40.06592307692308 | -88.20591139486467 |
| B8    | 7   | 0   | 119.23 | 164.0 | LG3216      | P339    | 40.06595054945055 | -88.20600629424011 |
| B8    | 7   | 1   | 126.07 | 164.0 | LD07-3395bf | P340    | 40.06595054945055 | -88.20598256072172 |
| B8    | 7   | 2   | 132.91 | 164.0 | LG3216      | P341    | 40.06595054945055 | -88.20595882720333 |
| B8    | 7   | 3   | 139.74 | 164.0 | LD00-2817P  | P342    | 40.06595054945055 | -88.20593512838306 |
| B8    | 7   | 4   | 146.58 | 164.0 | LG3216      | P343    | 40.06595054945055 | -88.20591139486467 |

| Block | Row | Col | X_ft  | Y_ft  | Entry       | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|-------|-------|-------------|---------|-------------------|--------------------|
| B9    | 0   | 0   | 12.92 | 174.0 | LD20-11748  | P344    | 40.06597802197802 | -88.20637517002082 |
| B9    | 0   | 1   | 19.76 | 174.0 | LG3216      | P345    | 40.06597802197802 | -88.20635143650242 |
| B9    | 0   | 2   | 26.59 | 174.0 | LD20-4542   | P346    | 40.06597802197802 | -88.20632773768216 |
| B9    | 0   | 3   | 33.43 | 174.0 | LG3216      | P347    | 40.06597802197802 | -88.20630400416377 |
| B9    | 0   | 4   | 40.27 | 174.0 | LD21-3090   | P348    | 40.06597802197802 | -88.20628027064538 |
| B9    | 1   | 0   | 12.92 | 184.0 | LG3216      | P349    | 40.0660054945055  | -88.20637517002082 |
| B9    | 1   | 1   | 19.76 | 184.0 | LD20-5413   | P350    | 40.0660054945055  | -88.20635143650242 |
| B9    | 1   | 2   | 26.59 | 184.0 | LG3216      | P351    | 40.0660054945055  | -88.20632773768216 |
| B9    | 1   | 3   | 33.43 | 184.0 | LD21-5944   | P352    | 40.0660054945055  | -88.20630400416377 |
| B9    | 1   | 4   | 40.27 | 184.0 | LG3216      | P353    | 40.0660054945055  | -88.20628027064538 |
| B9    | 2   | 0   | 12.92 | 194.0 | LD21-5991   | P354    | 40.06603296703297 | -88.20637517002082 |
| B9    | 2   | 1   | 19.76 | 194.0 | LG3216      | P355    | 40.06603296703297 | -88.20635143650242 |
| B9    | 2   | 2   | 26.59 | 194.0 | LD00-2817P  | P356    | 40.06603296703297 | -88.20632773768216 |
| B9    | 2   | 3   | 33.43 | 194.0 | LG3216      | P357    | 40.06603296703297 | -88.20630400416377 |
| B9    | 2   | 4   | 40.27 | 194.0 | LD22-4283   | P358    | 40.06603296703297 | -88.20628027064538 |
| B9    | 3   | 0   | 12.92 | 204.0 | LG3216      | P359    | 40.06606043956044 | -88.20637517002082 |
| B9    | 3   | 1   | 19.76 | 204.0 | LD17-10473F | P360    | 40.06606043956044 | -88.20635143650242 |
| B9    | 3   | 2   | 26.59 | 204.0 | LG3216      | P361    | 40.06606043956044 | -88.20632773768216 |
| B9    | 3   | 3   | 33.43 | 204.0 | LD19-10076  | P362    | 40.06606043956044 | -88.20630400416377 |
| B9    | 3   | 4   | 40.27 | 204.0 | LG3216      | P363    | 40.06606043956044 | -88.20628027064538 |
| B9    | 4   | 0   | 12.92 | 214.0 | LD11-2170   | P364    | 40.06608791208791 | -88.20637517002082 |
| B9    | 4   | 1   | 19.76 | 214.0 | LG3216      | P365    | 40.06608791208791 | -88.20635143650242 |
| B9    | 4   | 2   | 26.59 | 214.0 | LD21-7234   | P366    | 40.06608791208791 | -88.20632773768216 |
| B9    | 4   | 3   | 33.43 | 214.0 | LG3216      | P367    | 40.06608791208791 | -88.20630400416377 |
| B9    | 4   | 4   | 40.27 | 214.0 | LD21-5253   | P368    | 40.06608791208791 | -88.20628027064538 |
| B9    | 5   | 0   | 12.92 | 224.0 | LG3216      | P369    | 40.06611538461539 | -88.20637517002082 |
| B9    | 5   | 1   | 19.76 | 224.0 | LD07-3395bf | P370    | 40.06611538461539 | -88.20635143650242 |
| B9    | 5   | 2   | 26.59 | 224.0 | LG3216      | P371    | 40.06611538461539 | -88.20632773768216 |
| B9    | 5   | 3   | 33.43 | 224.0 | LD20-5738   | P372    | 40.06611538461539 | -88.20630400416377 |
| B9    | 5   | 4   | 40.27 | 224.0 | LG3216      | P373    | 40.06611538461539 | -88.20628027064538 |
| B9    | 6   | 0   | 12.92 | 234.0 | LD20-4471   | P374    | 40.06614285714286 | -88.20637517002082 |
| B9    | 6   | 1   | 19.76 | 234.0 | LG3216      | P375    | 40.06614285714286 | -88.20635143650242 |
| B9    | 6   | 2   | 26.59 | 234.0 | LD19-10244  | P376    | 40.06614285714286 | -88.20632773768216 |
| B9    | 6   | 3   | 33.43 | 234.0 | LG3216      | P377    | 40.06614285714286 | -88.20630400416377 |
| B9    | 6   | 4   | 40.27 | 234.0 | LD17-10473L | P378    | 40.06614285714286 | -88.20628027064538 |
| B9    | 7   | 0   | 12.92 | 244.0 | LG3216      | P379    | 40.06617032967033 | -88.20637517002082 |
| B9    | 7   | 1   | 19.76 | 244.0 | LD20-4988   | P380    | 40.06617032967033 | -88.20635143650242 |
| B9    | 7   | 2   | 26.59 | 244.0 | LG3216      | P381    | 40.06617032967033 | -88.20632773768216 |
| B9    | 7   | 3   | 33.43 | 244.0 | LD21-5665   | P382    | 40.06617032967033 | -88.20630400416377 |
| B9    | 7   | 4   | 40.27 | 244.0 | LG3216      | P383    | 40.06617032967033 | -88.20628027064538 |

| Block | Row | Col | X_ft  | Y_ft  | Entry       | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|-------|-------|-------------|---------|-------------------|--------------------|
| B10   | 0   | 0   | 48.36 | 174.0 | AG36XF4     | P384    | 40.06597802197802 | -88.2062521998612  |
| B10   | 0   | 1   | 55.19 | 174.0 | LD21-7234   | P385    | 40.06597802197802 | -88.20622850104094 |
| B10   | 0   | 2   | 62.03 | 174.0 | AG38XF6     | P386    | 40.06597802197802 | -88.20620476752255 |
| B10   | 0   | 3   | 68.87 | 174.0 | LD21-5944   | P387    | 40.06597802197802 | -88.20618103400416 |
| B10   | 0   | 4   | 75.71 | 174.0 | AG35XF5     | P388    | 40.06597802197802 | -88.20615730048577 |
| B10   | 1   | 0   | 48.36 | 184.0 | LD21-3090   | P389    | 40.0660054945055  | -88.2062521998612  |
| B10   | 1   | 1   | 55.19 | 184.0 | AG34XF6     | P390    | 40.0660054945055  | -88.20622850104094 |
| B10   | 1   | 2   | 62.03 | 184.0 | LD20-11748  | P391    | 40.0660054945055  | -88.20620476752255 |
| B10   | 1   | 3   | 68.87 | 184.0 | AG40XFF5    | P392    | 40.0660054945055  | -88.20618103400416 |
| B10   | 1   | 4   | 75.71 | 184.0 | LD21-5665   | P393    | 40.0660054945055  | -88.20615730048577 |
| B10   | 2   | 0   | 48.36 | 194.0 | AG38XF6     | P394    | 40.06603296703297 | -88.2062521998612  |
| B10   | 2   | 1   | 55.19 | 194.0 | LD07-3395bf | P395    | 40.06603296703297 | -88.20622850104094 |
| B10   | 2   | 2   | 62.03 | 194.0 | AG36XF4     | P396    | 40.06603296703297 | -88.20620476752255 |
| B10   | 2   | 3   | 68.87 | 194.0 | LD21-5253   | P397    | 40.06603296703297 | -88.20618103400416 |
| B10   | 2   | 4   | 75.71 | 194.0 | AG34XF6     | P398    | 40.06603296703297 | -88.20615730048577 |
| B10   | 3   | 0   | 48.36 | 204.0 | LD17-10473F | P399    | 40.06606043956044 | -88.2062521998612  |
| B10   | 3   | 1   | 55.19 | 204.0 | AG40XFF5    | P400    | 40.06606043956044 | -88.20622850104094 |
| B10   | 3   | 2   | 62.03 | 204.0 | LD21-5253   | P401    | 40.06606043956044 | -88.20620476752255 |
| B10   | 3   | 3   | 68.87 | 204.0 | AG35XF5     | P402    | 40.06606043956044 | -88.20618103400416 |
| B10   | 3   | 4   | 75.71 | 204.0 | LD21-5944   | P403    | 40.06606043956044 | -88.20615730048577 |
| B10   | 4   | 0   | 48.36 | 214.0 | AG38XF6     | P404    | 40.06608791208791 | -88.2062521998612  |
| B10   | 4   | 1   | 55.19 | 214.0 | LD21-3090   | P405    | 40.06608791208791 | -88.20622850104094 |
| B10   | 4   | 2   | 62.03 | 214.0 | AG35XF5     | P406    | 40.06608791208791 | -88.20620476752255 |
| B10   | 4   | 3   | 68.87 | 214.0 | LD21-7234   | P407    | 40.06608791208791 | -88.20618103400416 |
| B10   | 4   | 4   | 75.71 | 214.0 | AG34XF6     | P408    | 40.06608791208791 | -88.20615730048577 |
| B10   | 5   | 0   | 48.36 | 224.0 | LD20-11748  | P409    | 40.06611538461539 | -88.2062521998612  |
| B10   | 5   | 1   | 55.19 | 224.0 | AG36XF4     | P410    | 40.06611538461539 | -88.20622850104094 |
| B10   | 5   | 2   | 62.03 | 224.0 | LD17-10473F | P411    | 40.06611538461539 | -88.20620476752255 |
| B10   | 5   | 3   | 68.87 | 224.0 | AG40XFF5    | P412    | 40.06611538461539 | -88.20618103400416 |
| B10   | 5   | 4   | 75.71 | 224.0 | LD07-3395bf | P413    | 40.06611538461539 | -88.20615730048577 |
| B10   | 6   | 0   | 48.36 | 234.0 | AG35XF5     | P414    | 40.06614285714286 | -88.2062521998612  |
| B10   | 6   | 1   | 55.19 | 234.0 | LD21-5665   | P415    | 40.06614285714286 | -88.20622850104094 |
| B10   | 6   | 2   | 62.03 | 234.0 | AG34XF6     | P416    | 40.06614285714286 | -88.20620476752255 |
| B10   | 6   | 3   | 68.87 | 234.0 | LD21-5944   | P417    | 40.06614285714286 | -88.20618103400416 |
| B10   | 6   | 4   | 75.71 | 234.0 | AG38XF6     | P418    | 40.06614285714286 | -88.20615730048577 |
| B10   | 7   | 0   | 48.36 | 244.0 | LD21-5665   | P419    | 40.06617032967033 | -88.2062521998612  |
| B10   | 7   | 1   | 55.19 | 244.0 | AG36XF4     | P420    | 40.06617032967033 | -88.20622850104094 |
| B10   | 7   | 2   | 62.03 | 244.0 | LD21-7234   | P421    | 40.06617032967033 | -88.20620476752255 |
| B10   | 7   | 3   | 68.87 | 244.0 | AG40XFF5    | P422    | 40.06617032967033 | -88.20618103400416 |
| B10   | 7   | 4   | 75.71 | 244.0 | LD20-11748  | P423    | 40.06617032967033 | -88.20615730048577 |

| Block | Row | Col | X_ft   | Y_ft  | Entry    | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|--------|-------|----------|---------|-------------------|--------------------|
| B11   | 0   | 0   | 83.79  | 174.0 | AG35XF5  | P424    | 40.06597802197802 | -88.20612926439972 |
| B11   | 0   | 1   | 90.63  | 174.0 | LG3216   | P425    | 40.06597802197802 | -88.20610553088133 |
| B11   | 0   | 2   | 97.47  | 174.0 | AG34XF6  | P426    | 40.06597802197802 | -88.20608179736294 |
| B11   | 0   | 3   | 104.31 | 174.0 | LG3216   | P427    | 40.06597802197802 | -88.20605806384455 |
| B11   | 0   | 4   | 111.14 | 174.0 | AG36XF4  | P428    | 40.06597802197802 | -88.20603436502428 |
| B11   | 1   | 0   | 83.79  | 184.0 | LG3216   | P429    | 40.0660054945055  | -88.20612926439972 |
| B11   | 1   | 1   | 90.63  | 184.0 | AG40XFF5 | P430    | 40.0660054945055  | -88.20610553088133 |
| B11   | 1   | 2   | 97.47  | 184.0 | LG3216   | P431    | 40.0660054945055  | -88.20608179736294 |
| B11   | 1   | 3   | 104.31 | 184.0 | AG29XF5  | P432    | 40.0660054945055  | -88.20605806384455 |
| B11   | 1   | 4   | 111.14 | 184.0 | LG3216   | P433    | 40.0660054945055  | -88.20603436502428 |
| B11   | 2   | 0   | 83.79  | 194.0 | AG38XF6  | P434    | 40.06603296703297 | -88.20612926439972 |
| B11   | 2   | 1   | 90.63  | 194.0 | LG3216   | P435    | 40.06603296703297 | -88.20610553088133 |
| B11   | 2   | 2   | 97.47  | 194.0 | AG29XF4  | P436    | 40.06603296703297 | -88.20608179736294 |
| B11   | 2   | 3   | 104.31 | 194.0 | LG3216   | P437    | 40.06603296703297 | -88.20605806384455 |
| B11   | 2   | 4   | 111.14 | 194.0 | AG38XF6  | P438    | 40.06603296703297 | -88.20603436502428 |
| B11   | 3   | 0   | 83.79  | 204.0 | LG3216   | P439    | 40.06606043956044 | -88.20612926439972 |
| B11   | 3   | 1   | 90.63  | 204.0 | AG29XF4  | P440    | 40.06606043956044 | -88.20610553088133 |
| B11   | 3   | 2   | 97.47  | 204.0 | LG3216   | P441    | 40.06606043956044 | -88.20608179736294 |
| B11   | 3   | 3   | 104.31 | 204.0 | AG40XFF5 | P442    | 40.06606043956044 | -88.20605806384455 |
| B11   | 3   | 4   | 111.14 | 204.0 | LG3216   | P443    | 40.06606043956044 | -88.20603436502428 |
| B11   | 4   | 0   | 83.79  | 214.0 | AG34XF6  | P444    | 40.06608791208791 | -88.20612926439972 |
| B11   | 4   | 1   | 90.63  | 214.0 | LG3216   | P445    | 40.06608791208791 | -88.20610553088133 |
| B11   | 4   | 2   | 97.47  | 214.0 | AG35XF5  | P446    | 40.06608791208791 | -88.20608179736294 |
| B11   | 4   | 3   | 104.31 | 214.0 | LG3216   | P447    | 40.06608791208791 | -88.20605806384455 |
| B11   | 4   | 4   | 111.14 | 214.0 | AG29XF5  | P448    | 40.06608791208791 | -88.20603436502428 |
| B11   | 5   | 0   | 83.79  | 224.0 | LG3216   | P449    | 40.06611538461539 | -88.20612926439972 |
| B11   | 5   | 1   | 90.63  | 224.0 | AG36XF4  | P450    | 40.06611538461539 | -88.20610553088133 |
| B11   | 5   | 2   | 97.47  | 224.0 | LG3216   | P451    | 40.06611538461539 | -88.20608179736294 |
| B11   | 5   | 3   | 104.31 | 224.0 | AG29XF5  | P452    | 40.06611538461539 | -88.20605806384455 |
| B11   | 5   | 4   | 111.14 | 224.0 | LG3216   | P453    | 40.06611538461539 | -88.20603436502428 |
| B11   | 6   | 0   | 83.79  | 234.0 | AG29XF4  | P454    | 40.06614285714286 | -88.20612926439972 |
| B11   | 6   | 1   | 90.63  | 234.0 | LG3216   | P455    | 40.06614285714286 | -88.20610553088133 |
| B11   | 6   | 2   | 97.47  | 234.0 | AG36XF4  | P456    | 40.06614285714286 | -88.20608179736294 |
| B11   | 6   | 3   | 104.31 | 234.0 | LG3216   | P457    | 40.06614285714286 | -88.20605806384455 |
| B11   | 6   | 4   | 111.14 | 234.0 | AG40XFF5 | P458    | 40.06614285714286 | -88.20603436502428 |
| B11   | 7   | 0   | 83.79  | 244.0 | LG3216   | P459    | 40.06617032967033 | -88.20612926439972 |
| B11   | 7   | 1   | 90.63  | 244.0 | AG34XF6  | P460    | 40.06617032967033 | -88.20610553088133 |
| B11   | 7   | 2   | 97.47  | 244.0 | LG3216   | P461    | 40.06617032967033 | -88.20608179736294 |
| B11   | 7   | 3   | 104.31 | 244.0 | AG38XF6  | P462    | 40.06617032967033 | -88.20605806384455 |
| B11   | 7   | 4   | 111.14 | 244.0 | LG3216   | P463    | 40.06617032967033 | -88.20603436502428 |

| Block | Row | Col | X_ft   | Y_ft  | Entry     | Plot_ID | Latitude          | Longitude          |
|-------|-----|-----|--------|-------|-----------|---------|-------------------|--------------------|
| B12   | 0   | 0   | 119.23 | 174.0 | LD11-2170 | P464    | 40.06597802197802 | -88.20600629424011 |
| B12   | 0   | 1   | 126.07 | 174.0 | AG29XF5   | P465    | 40.06597802197802 | -88.20598256072172 |
| B12   | 0   | 2   | 132.91 | 174.0 | LD21-5253 | P466    | 40.06597802197802 | -88.20595882720333 |
| B12   | 0   | 3   | 139.74 | 174.0 | AG29XF4   | P467    | 40.06597802197802 | -88.20593512838306 |
| B12   | 0   | 4   | 146.58 | 174.0 | LD20-5413 | P468    | 40.06597802197802 | -88.20591139486467 |
| B12   | 1   | 0   | 119.23 | 184.0 | AG29XF5   | P469    | 40.0660054945055  | -88.20600629424011 |
| B12   | 1   | 1   | 126.07 | 184.0 | LD21-7234 | P470    | 40.0660054945055  | -88.20598256072172 |
| B12   | 1   | 2   | 132.91 | 184.0 | AG29XF4   | P471    | 40.0660054945055  | -88.20595882720333 |
| B12   | 1   | 3   | 139.74 | 184.0 | LD20-4988 | P472    | 40.0660054945055  | -88.20593512838306 |
| B12   | 1   | 4   | 146.58 | 184.0 | AG29XF4   | P473    | 40.0660054945055  | -88.20591139486467 |
| B12   | 2   | 0   | 119.23 | 194.0 | LD20-5738 | P474    | 40.06603296703297 | -88.20600629424011 |
| B12   | 2   | 1   | 126.07 | 194.0 | AG29XF5   | P475    | 40.06603296703297 | -88.20598256072172 |
| B12   | 2   | 2   | 132.91 | 194.0 | LD20-4542 | P476    | 40.06603296703297 | -88.20595882720333 |
| B12   | 2   | 3   | 139.74 | 194.0 | AG29XF5   | P477    | 40.06603296703297 | -88.20593512838306 |
| B12   | 2   | 4   | 146.58 | 194.0 | LD22-4283 | P478    | 40.06603296703297 | -88.20591139486467 |
| B12   | 3   | 0   | 119.23 | 204.0 | AG29XF4   | P479    | 40.06606043956044 | -88.20600629424011 |
| B12   | 3   | 1   | 126.07 | 204.0 | LD20-4471 | P480    | 40.06606043956044 | -88.20598256072172 |
| B12   | 3   | 2   | 132.91 | 204.0 | AG29XF5   | P481    | 40.06606043956044 | -88.20595882720333 |
| B12   | 3   | 3   | 139.74 | 204.0 | LD20-4542 | P482    | 40.06606043956044 | -88.20593512838306 |
| B12   | 3   | 4   | 146.58 | 204.0 | AG29XF4   | P483    | 40.06606043956044 | -88.20591139486467 |
| B12   | 4   | 0   | 119.23 | 214.0 | LD22-4283 | P484    | 40.06608791208791 | -88.20600629424011 |
| B12   | 4   | 1   | 126.07 | 214.0 | AG29XF5   | P485    | 40.06608791208791 | -88.20598256072172 |
| B12   | 4   | 2   | 132.91 | 214.0 | LD20-4988 | P486    | 40.06608791208791 | -88.20595882720333 |
| B12   | 4   | 3   | 139.74 | 214.0 | AG29XF4   | P487    | 40.06608791208791 | -88.20593512838306 |
| B12   | 4   | 4   | 146.58 | 214.0 | LD20-4471 | P488    | 40.06608791208791 | -88.20591139486467 |
| B12   | 5   | 0   | 119.23 | 224.0 | AG29XF4   | P489    | 40.06611538461539 | -88.20600629424011 |
| B12   | 5   | 1   | 126.07 | 224.0 | LD20-5413 | P490    | 40.06611538461539 | -88.20598256072172 |
| B12   | 5   | 2   | 132.91 | 224.0 | AG29XF5   | P491    | 40.06611538461539 | -88.20595882720333 |
| B12   | 5   | 3   | 139.74 | 224.0 | LD21-7234 | P492    | 40.06611538461539 | -88.20593512838306 |
| B12   | 5   | 4   | 146.58 | 224.0 | AG29XF4   | P493    | 40.06611538461539 | -88.20591139486467 |
| B12   | 6   | 0   | 119.23 | 234.0 | LD20-5738 | P494    | 40.06614285714286 | -88.20600629424011 |
| B12   | 6   | 1   | 126.07 | 234.0 | AG29XF5   | P495    | 40.06614285714286 | -88.20598256072172 |
| B12   | 6   | 2   | 132.91 | 234.0 | LD21-5253 | P496    | 40.06614285714286 | -88.20595882720333 |
| B12   | 6   | 3   | 139.74 | 234.0 | AG29XF5   | P497    | 40.06614285714286 | -88.20593512838306 |
| B12   | 6   | 4   | 146.58 | 234.0 | LD11-2170 | P498    | 40.06614285714286 | -88.20591139486467 |
| B12   | 7   | 0   | 119.23 | 244.0 | AG29XF4   | P499    | 40.06617032967033 | -88.20600629424011 |
| B12   | 7   | 1   | 126.07 | 244.0 | LD20-4542 | P500    | 40.06617032967033 | -88.20598256072172 |
| B12   | 7   | 2   | 132.91 | 244.0 | AG29XF4   | P501    | 40.06617032967033 | -88.20595882720333 |
| B12   | 7   | 3   | 139.74 | 244.0 | LD20-4471 | P502    | 40.06617032967033 | -88.20593512838306 |
| B12   | 7   | 4   | 146.58 | 244.0 | AG29XF5   | P503    | 40.06617032967033 | -88.20591139486467 |

| Sample_X           | Sample_Y           | Sample_Latitude    | Sample_Longitude   | In_Plot_ID |
|--------------------|--------------------|--------------------|--------------------|------------|
| 5.126359054585414  | 170.80370001115003 | 40.065969240934095 | -88.2064022124946  | nan        |
| 64.90635897661163  | 89.60089014367497  | 40.0657461562916   | -88.20619478709584 | P101       |
| 146.85112195461312 | 216.11738696428503 | 40.06609372908507  | -88.20591045412229 | P488       |
| 143.79654534713228 | 24.78798078174623  | 40.0655680988483   | -88.20592105293078 | P153       |
| 18.92070198170737  | 37.50337247360867  | 40.06560303124306  | -88.20635434870928 | P035       |
| 142.82845010107934 | 50.06429223445677  | 40.06563753926438  | -88.20592441203989 | P167       |
| 90.78535173393824  | 142.21652842026143 | 40.065890704748405 | -88.20610499183992 | P290       |
| 111.95454538870649 | 266.6429549558663  | 40.06623253559054  | -88.20603153870441 | nan        |
| 81.58924769807493  | 236.3038581211517  | 40.06614918642341  | -88.20613690059785 | P454       |
| 56.16709256956366  | 229.10129749845404 | 40.06612939916895  | -88.2062251107128  | P410       |
| 131.48276465421182 | 12.310015029100654 | 40.065533818722606 | -88.20596377944256 | P146       |
| 27.439475306294927 | 143.77567474185318 | 40.06589498811742  | -88.20632479016201 | P211       |
| 126.21131720609344 | 193.76311666710302 | 40.06603231625458  | -88.20598207037749 | P475       |
| 47.46842218035481  | 223.12359728249388 | 40.06611297691561  | -88.20625529346918 | P409       |
| 4.870579653439826  | 77.95299438466594  | 40.06571415657798  | -88.2064031000012  | nan        |
| 79.32536152102253  | 136.0017560288844  | 40.06587363119788  | -88.2061447558587  | P248       |
| 99.82446265697777  | 129.07024747187418 | 40.065854588591954 | -88.20607362781867 | P281       |
| 76.41144707704282  | 166.93508443276426 | 40.06595861286932  | -88.20615486659584 | P263       |
| 1.7786459413841804 | 225.85444684830784 | 40.066120479249584 | -88.20641382843185 | nan        |
| 151.56371828029853 | 245.97751402341655 | 40.066175762401166 | -88.20589410229604 | nan        |
| 43.29317417610207  | 248.7142780039432  | 40.06618328098353  | -88.20626978079744 | P383       |
| 152.3404615133396  | 0.8948109686640537 | 40.065502458271894 | -88.20589140714256 | nan        |
| 123.49056948599178 | 166.86940396184414 | 40.06595843242847  | -88.20599151086229 | P340       |
| 67.538302132006    | 161.91747543942344 | 40.06594482822923  | -88.20618565474624 | P262       |
| 128.3680434125481  | 155.7014583201484  | 40.065927751259125 | -88.20597458694166 | P335       |
| 145.15944709858513 | 157.85741440103163 | 40.06593367421539  | -88.20591632391707 | P338       |
| 58.30420979997079  | 34.68472622184882  | 40.0655952877094   | -88.20621769531644 | P075       |
| 135.1462038870248  | 128.42797768558927 | 40.06585282411452  | -88.20595106799483 | P321       |
| 121.14311240658034 | 131.21226128917922 | 40.0658604732453   | -88.20599965609851 | P324       |
| 15.81264578050833  | 249.10269556484388 | 40.06618434806474  | -88.20636513308195 | P379       |
| 51.41250028086718  | 198.89150879116406 | 40.06604640524393  | -88.20624160825717 | P394       |
| 47.19773648994874  | 140.37839508979013 | 40.06588565493156  | -88.20625623269781 | P249       |
| 18.266331923193295 | 151.66877793838847 | 40.06591667246686  | -88.20635661925078 | P215       |
| 43.314783277996334 | 166.06130652218226 | 40.065956212380556 | -88.2062697058179  | P223       |
| 32.2815897498565   | 255.61168974316448 | 40.066202229916875 | -88.20630798893215 | nan        |
| 20.156314400156692 | 60.12508733174515  | 40.06566517881135  | -88.20635006136571 | P050       |
| 34.58949347585026  | 98.94624222512785  | 40.065771830335784 | -88.20629998093867 | P187       |
| 68.21056224623     | 197.7221619376707  | 40.06604319275257  | -88.2061833221296  | P397       |
| 45.680308416224555 | 263.2715871010271  | 40.066223273590936 | -88.2062614978889  | nan        |
| 113.65035184999591 | 240.4648635608148  | 40.066160617757035 | -88.20602565457372 | P463       |

| Sample_X           | Sample_Y           | Sample_Latitude    | Sample_Longitude   | In_Plot_ID |
|--------------------|--------------------|--------------------|--------------------|------------|
| 117.62839248698926 | 175.23819864962184 | 40.06598142362267  | -88.20601185151808 | P464       |
| 84.58620495940187  | 155.77694465288573 | 40.06592795863916  | -88.20612650171769 | P294       |
| 140.57440755572202 | 6.817571397440019  | 40.06551872959175  | -88.20593223314519 | nan        |
| 159.9105880588737  | 169.77558869055835 | 40.06596641645245  | -88.20586514022186 | nan        |
| 132.3378291898052  | 173.2299113132143  | 40.06597590634976  | -88.20596081252883 | P466       |
| 147.45244676135889 | 133.27897628592794 | 40.06586615103375  | -88.20590836763787 | P328       |
| 16.280918118859162 | 50.15185898502483  | 40.06563777983238  | -88.20636350826467 | P044       |
| 34.07272131912704  | 25.63461705949198  | 40.06557042477214  | -88.20630177404122 | P032       |
| 47.755051517494174 | 100.48105960624102 | 40.06577604686705  | -88.20625429891909 | P229       |
| 157.473305889675   | 208.67264554293578 | 40.06607327649874  | -88.20587359713431 | nan        |
| 76.72842675416211  | 253.5723771356437  | 40.06619662740972  | -88.20615376673575 | nan        |
| 77.30457763721174  | 13.59276365846404  | 40.0655373427573   | -88.20615176760015 | P068       |
| 104.24266631424948 | 74.56530712412592  | 40.06570484974485  | -88.20605829747981 | P137       |
| 33.454204366886025 | 53.61578780972617  | 40.06564729612035  | -88.20630392017915 | P047       |
| 15.045978867525065 | 186.91321632469663 | 40.066013497847045 | -88.20636779327249 | P349       |
| 75.63333360706582  | 150.05840746741924 | 40.065912248372165 | -88.20615756650379 | P258       |
| 134.1118102652311  | 238.03182473991077 | 40.06615393358445  | -88.20595465714689 | P496       |
| 61.76369236400401  | 127.06159310994667 | 40.06584907031074  | -88.20620569156014 | P241       |
| 73.7417233111742   | 38.158208111775295 | 40.065604830242066 | -88.20616413003708 | P078       |
| 46.21935872715479  | 62.745806924833516 | 40.065672378590456 | -88.20625962748532 | P089       |
| 149.3050072131842  | 179.23176909223994 | 40.06599239497003  | -88.20590193960022 | P468       |
| 75.56890458336362  | 182.27398174720602 | 40.06600075269711  | -88.20615779006043 | P393       |
| 100.0370163189533  | 223.2289687103051  | 40.06611326639756  | -88.20607289029729 | P451       |
| 105.06032102740262 | 4.78795342038126   | 40.065513153718186 | -88.20605546037118 | nan        |
| 152.07766838084186 | 61.67861029968748  | 40.06566944673159  | -88.20589231898549 | nan        |
| 93.86409703774851  | 198.2898505389287  | 40.066044752336644 | -88.20609430917058 | P435       |
| 102.96121304738521 | 259.97215584800387 | 40.06621420921936  | -88.20606274388255 | nan        |
| 132.0192395462337  | 69.09974689083222  | 40.06568983446948  | -88.2059619179752  | P171       |
| 136.57878450620663 | 196.4697678586013  | 40.0660397521095   | -88.20594609720851 | P476       |
| 97.21654856566495  | 51.63776492646156  | 40.06564186199156  | -88.20608267679192 | P126       |
| 104.11776394270709 | 165.6474394347773  | 40.065955075383066 | -88.20605873086765 | P302       |
| 111.19818192269332 | 65.51264082985996  | 40.0656799797825   | -88.20603416314391 | P133       |
| 146.15975825934666 | 254.4633616912806  | 40.06619907516948  | -88.20591285302477 | nan        |
| 62.835860592668894 | 242.9673855720657  | 40.066167492817506 | -88.20620197133728 | P421       |
| 12.425829753504054 | 203.9586521615209  | 40.06606032596748  | -88.20637688469897 | P359       |
| 117.72265381440278 | 5.918319279076818  | 40.0655162591189   | -88.20601152444894 | nan        |
| 68.0526218141329   | 219.42659887865543 | 40.06610282032659  | -88.20618387015331 | P407       |
| 138.80839115691592 | 104.4543351982263  | 40.065786962459335 | -88.2059383608912  | P312       |
| 87.8795581514821   | 121.60374480823806 | 40.065834076222    | -88.2061150743992  | P280       |
| 134.13749553499449 | 82.4022291769213   | 40.06572637975049  | -88.20595456802381 | P181       |

| Sample_X           | Sample_Y           | Sample_Latitude    | Sample_Longitude   | In_Plot_ID |
|--------------------|--------------------|--------------------|--------------------|------------|
| 91.11921164802864  | 81.98340578563754  | 40.065725229136774 | -88.20610383340858 | P140       |
| 1.9550466263890165 | 3.135896557216662  | 40.065508615100434 | -88.20641321635452 | nan        |
| 63.16769642621475  | 182.2326831102477  | 40.06600063923931  | -88.20620081992912 | P391       |
| 1.7264921451641335 | 134.9449414651772  | 40.06587072786117  | -88.20641400939574 | nan        |
| 4.9616373381762635 | 184.45986761432764 | 40.066006757878064 | -88.2064027840481  | nan        |
| 30.51082834146788  | 207.05441859200164 | 40.066068830820306 | -88.20631413314246 | P361       |
| 152.7007735800201  | 116.51128733929788 | 40.06582008595423  | -88.2058901569272  | nan        |
| 140.8286745991858  | 114.55806983109785 | 40.06581471997206  | -88.20593135088619 | P317       |
| 50.877136055453    | 53.50433534140206  | 40.065646989932254 | -88.20624346587073 | P084       |
| 54.37961792903785  | 257.29163258575574 | 40.066206845144464 | -88.20623131291488 | nan        |
| 0.7076353123080459 | 53.34633034161707  | 40.06564655585259  | -88.20641754463804 | nan        |
| 13.013797158101728 | 161.9479140584503  | 40.06594491185181  | -88.20637484456225 | P219       |
| 24.65631585103308  | 262.2225967232108  | 40.06622039174924  | -88.20633444720384 | nan        |
| 94.18029117051441  | 236.48735808399525 | 40.06614969054419  | -88.20609321203618 | P455       |
| 85.7218113261047   | 182.36012004068155 | 40.06600098934077  | -88.20612256137638 | P429       |
| 124.22717563268002 | 22.179116026996027 | 40.065560931637435 | -88.20598895497697 | P150       |
| 107.7564049235658  | 213.9013036474533  | 40.06608764094408  | -88.20604610546522 | P447       |
| 1.6494121479117219 | 160.2698120516038  | 40.06594030168146  | -88.20641427684889 | nan        |
| 26.70603943455875  | 176.7551084675549  | 40.065985590957325 | -88.20632733504706 | P346       |
| 41.85768610095779  | 89.14273235224857  | 40.065744897616355 | -88.20627476167209 | P063       |