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accuracy analyst™

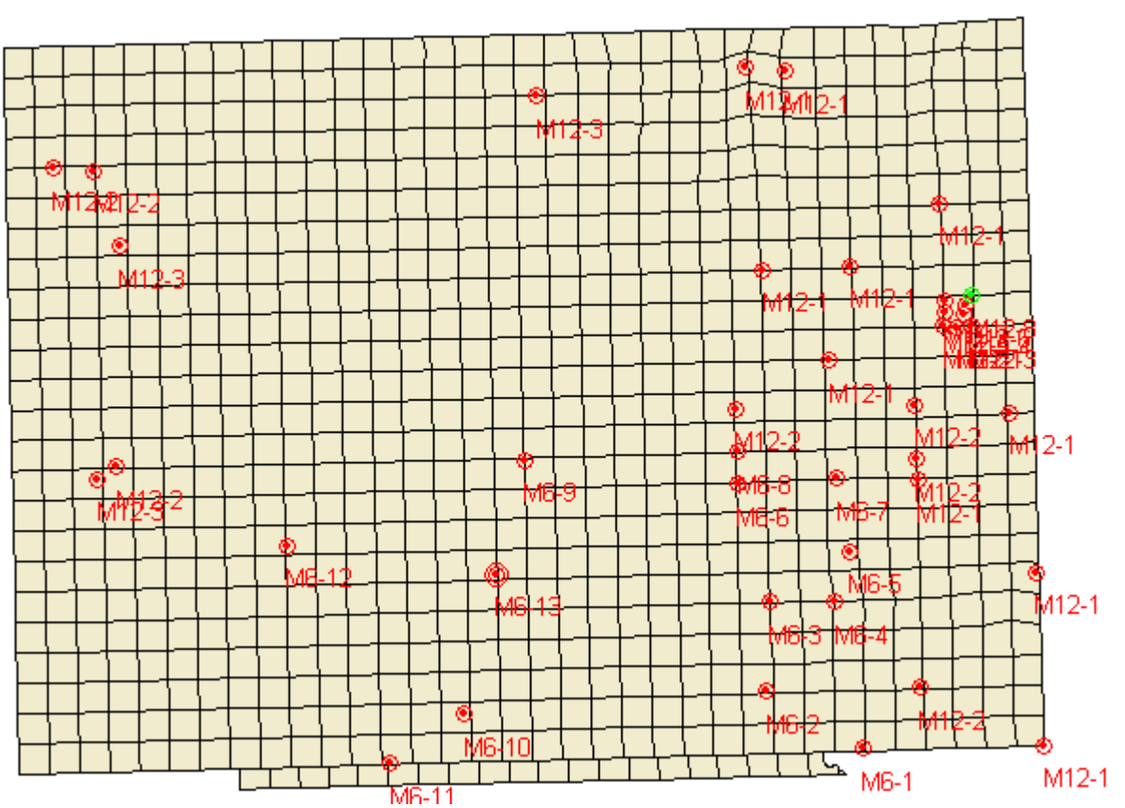
Project Information

Prepared By: s
Project Name: Min_Lin
Sensor Info: dmx
Sensor Resolution: 12
Vendor Name: sanborn
Date of Aquisition: 7/29/2009

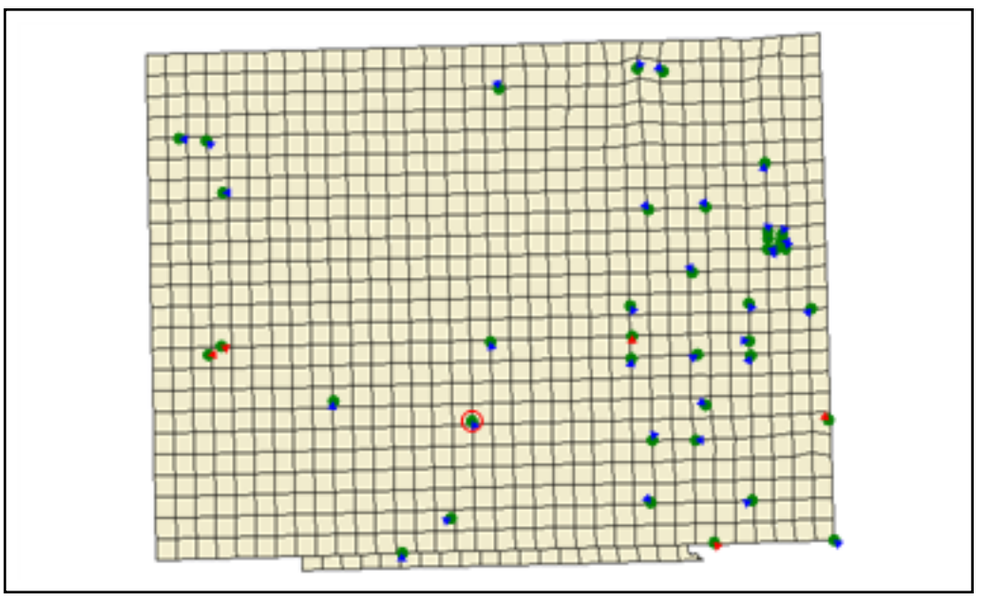
Metadata Information

Index File Name: SiouxFalls_tiles.shp
# of Polygons: 837
# of Matching Images: 837
Polygon ID: LABEL
Units: Feet
Image Folder Path: F:\Sioux Falls Imagery\Sioux_Falls_2008_Ortho\MinnehahaCo_1ft
Threshold: CE90 - 1.48

Tiled-Image Area

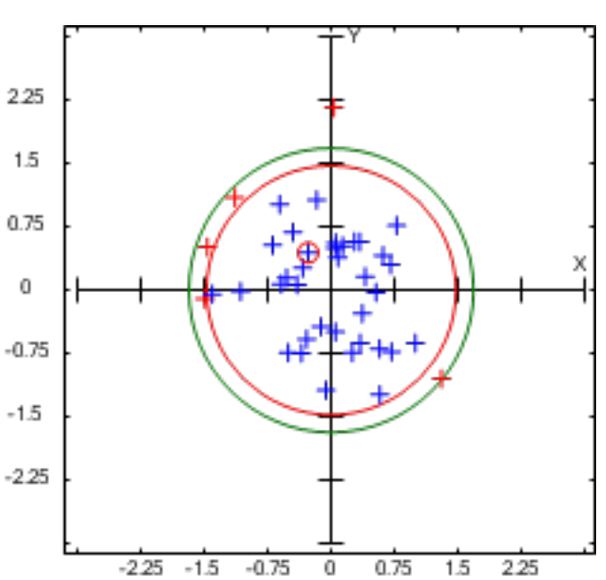


Vector Offset



Scaling Factor: 200

Circular Error



Error Statistics

Min ΔX:	-1.49	Min ΔY:	-1.24
Max ΔX:	1.3	Max ΔY:	2.16
Mean ΔX:	-0.07	Mean ΔY:	0.06
Skew ΔX:	-0.38	Skew ΔY:	0.33
RmseX:	0.66	RmseY:	0.71
Rmse Ratio:		0.93	
CE 90:	1.48	CE 95:	1.68

Coordinates and Offsets of Analyzed Locations

		ID	Survey X	Survey Y	Photo X	Photo Y	ΔX	ΔY
1)	☑	M12-1	2300471.91	15885309.07	2300472.25	15885309.64	0.34	0.57
2)	☑	M12-2	2298184.77	15885331.44	2298184.37	15885331.51	-0.4	0.07
3)	☑	M12-3	2303014.81	15885353.22	2303014.52	15885352.64	-0.29	-0.58
4)	☑	M12-4	2301931.6	15887485.72	2301931.07	15887485.86	-0.53	0.14
5)	☑	M12-5	2298422.69	15887888.37	2298422.75	15887887.88	0.05	-0.49
6)	☑	M12-6	2302062.78	15889050.82	2302062.42	15889050.08	-0.35	-0.74
7)	☑	M12-7	2298323.51	15889680.8	2298323.45	15889679.62	-0.06	-1.18
8)	☑	M12-1	2297528.83	15906877.52	2297528.96	15906878.04	0.14	0.52
9)	☑	M12-1	2270535.98	15929916.54	2270536.35	15929916.27	0.37	-0.27
10)	☑	M12-1	2314359.87	15842385.88	2314361.17	15842384.83	1.3	-1.05
11)	☑	M12-1	2315882.7	15812175.13	2315882.01	15812175.66	-0.69	0.53
12)	☑	M12-1	2293810.54	15858542.97	2293810.81	15858543.55	0.28	0.58
13)	☑	M12-1	2309819.2	15870321.75	2309819.98	15870322.52	0.77	0.77
14)	☑	M12-1	2278334.13	15879436.19	2278334.47	15879435.56	0.34	-0.63
15)	☑	M12-1	2266690.22	15895197.23	2266690.79	15895196.54	0.57	-0.69
16)	☑	M12-1	2281853.61	15895804.23	2281854.19	15895802.99	0.58	-1.24
17)	☑	M12-1	2263724.95	15930653.36	2263724.45	15930652.62	-0.51	-0.74
18)	☑	M12-2	2294139.97	15822185.5	2294140.37	15822185.66	0.4	0.16
19)	☑	M12-2	2261900.7	15871013.49	2261900.25	15871014.18	-0.45	0.69
20)	☑	M12-2	2293288.09	15871641.75	2293287.49	15871642.77	-0.61	1.02
21)	☑	M12-2	2293390.79	15862204.52	2293391.32	15862204.49	0.53	-0.03

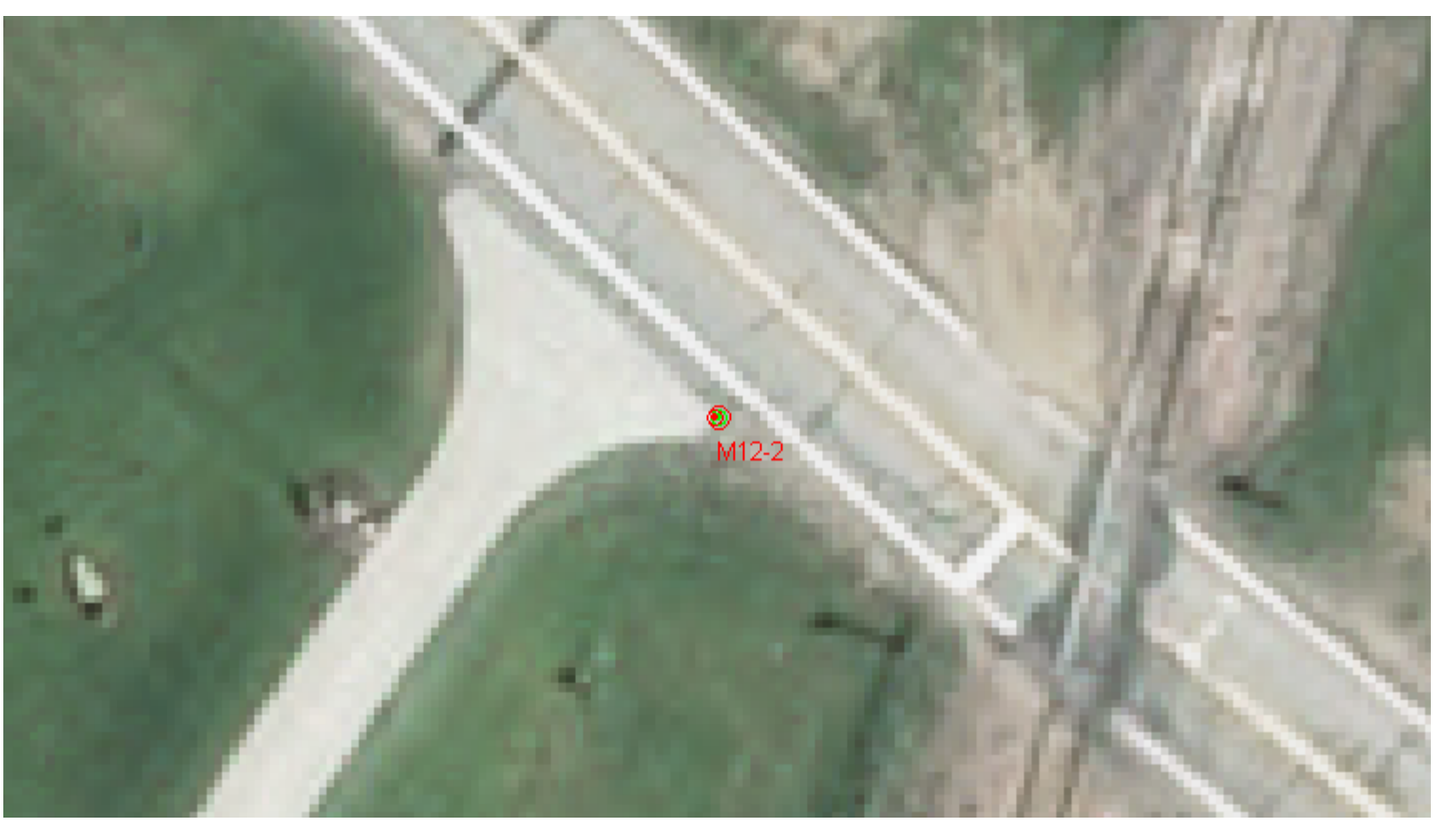
		ID	Survey X	Survey Y	Photo X	Photo Y	ΔX	ΔY
22)	☑	M12-2	2153705.45	15860890.7	2153703.99	15860891.21	-1.46	0.51
23)	☑	M12-2	2149698.92	15912446.69	2149698.59	15912446.95	-0.33	0.26
24)	☑	M12-2	2142525.04	15913048.6	2142524.44	15913048.67	-0.59	0.07
25)	☑	M12-3	2154097.53	15899441.08	2154096.46	15899441.07	-1.07	-0.01
26)	☑	M12-3	2150290.48	15858688.93	2150288.99	15858688.83	-1.49	-0.1
27)	☑	M12-3	2227086.93	15925584.38	2227087.18	15925583.64	0.25	-0.74
28)	☑	M6-1	2284121.81	15811590.22	2284120.67	15811591.32	-1.14	1.1
29)	☑	M6-2	2267286.45	15821642.37	2267287.16	15821641.64	0.71	-0.73
30)	☑	M6-3	2267761.74	15837279.76	2267761.62	15837279.33	-0.12	-0.43
31)	☑	M6-4	2279241.56	15837283.15	2279240.15	15837283.1	-1.41	-0.05
32)	☑	M6-5	2281843.28	15846096.37	2281844.28	15846095.74	1	-0.63
33)	☑	M6-6	2262197.5	15857776.2	2262197.55	15857776.7	0.05	0.5
34)	☑	M6-7	2279674.24	15858826.55	2279674.85	15858826.96	0.61	0.41
35)	☑	M6-8	2262387.71	15863427.62	2262387.74	15863429.78	0.03	2.16
36)	☑	M6-9	2224937.04	15861969.05	2224936.87	15861970.12	-0.17	1.07
37)	☑	M6-10	2214473.16	15817688.46	2214473.86	15817688.76	0.7	0.3
38)	☑	M6-11	2201578.25	15808978.18	2201578.31	15808978.74	0.05	0.56
39)	☑	M6-12	2183377.03	15847072.5	2183377.11	15847072.89	0.08	0.39
40)	☑	M6-13	2220011.38	15842075	2220011.1	15842075.44	-0.27	0.44

Point M12-1:

X1: 2300471.91 Y1: 15885309.07 X2: 2300472.25 Y2: 15885309.64 Delta X: 0.34 Delta Y: 0.57

Point M12-2:

X1: 2298184.77 Y1: 15885331.44 X2: 2298184.37 Y2: 15885331.51 Delta X: -0.4 Delta Y: 0.07

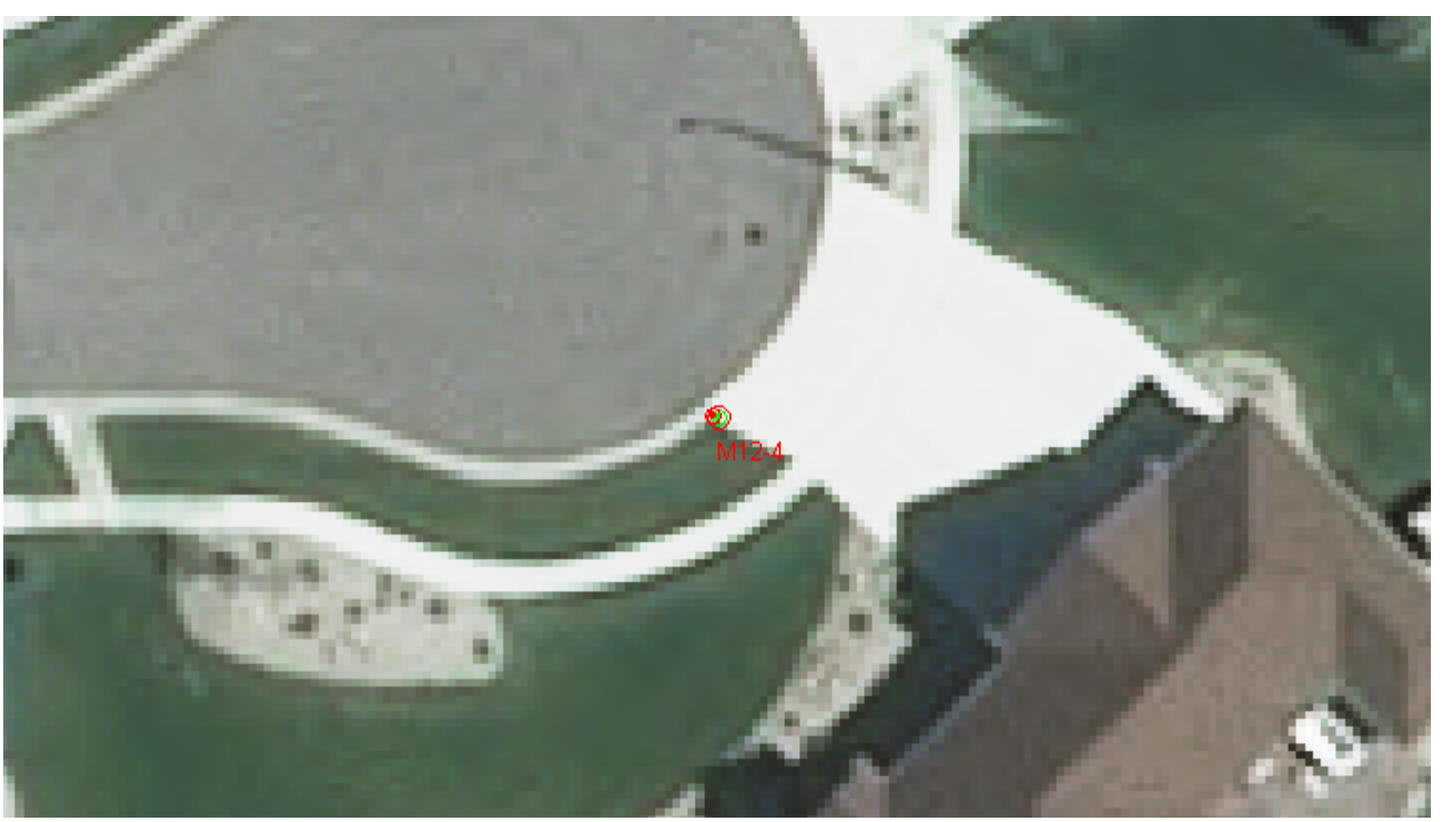


Point M12-3:

X1: 2303014.81 Y1: 15885353.22 X2: 2303014.52 Y2: 15885352.64 Delta X: -0.29 Delta Y: -0.58

Point M12-4:

X1: 2301931.6 Y1: 15887485.72 X2: 2301931.07 Y2: 15887485.86 Delta X: -0.53 Delta Y: 0.14

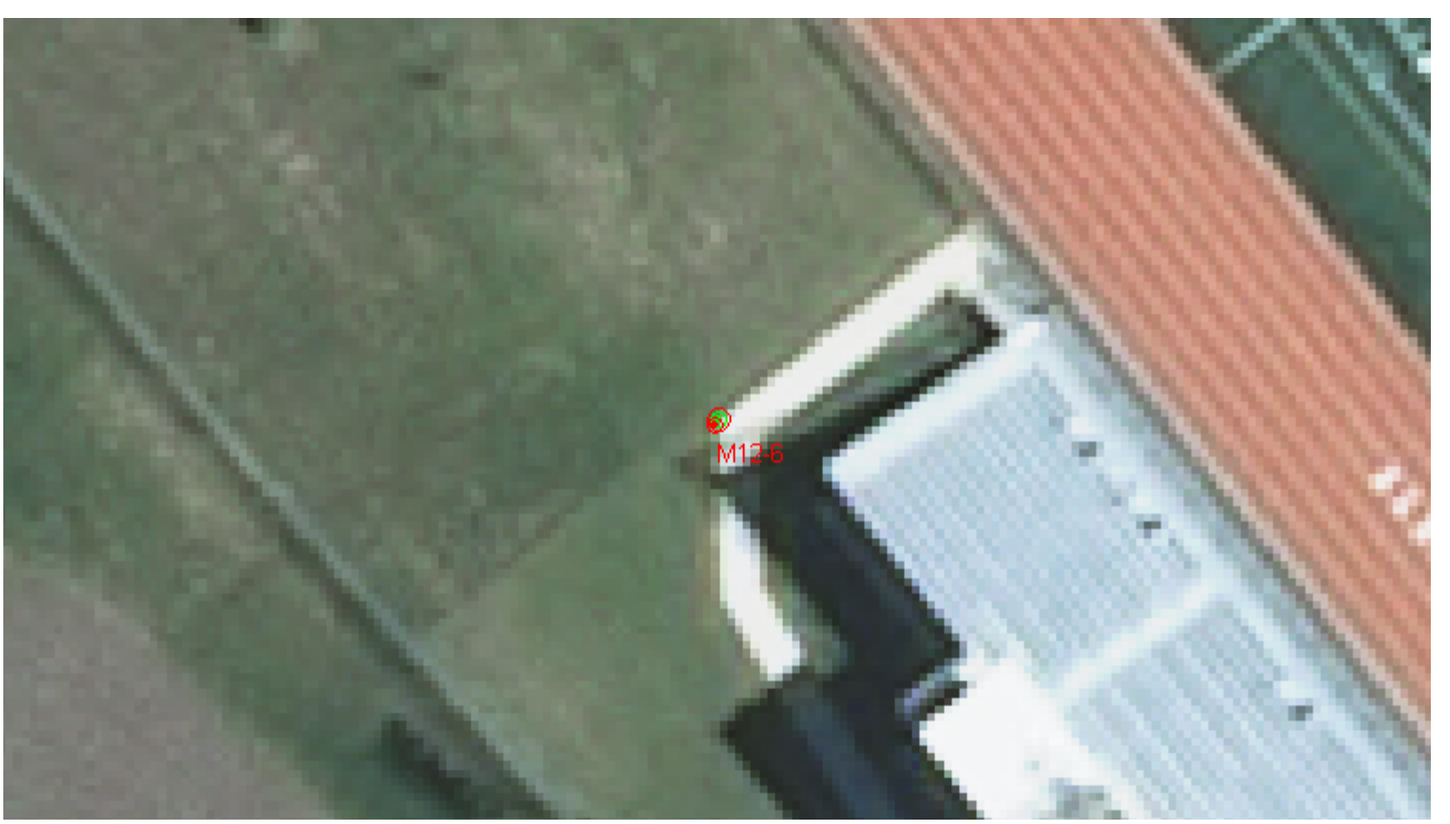


Point M12-5:

X1: 2298422.69 Y1: 15887888.37 X2: 2298422.75 Y2: 15887887.88 Delta X: 0.05 Delta Y: -0.49

Point M12-6:

X1: 2302062.78 Y1: 15889050.82 X2: 2302062.42 Y2: 15889050.08 Delta X: -0.35 Delta Y: -0.74



Point M12-7:

X1: 2298323.51 Y1: 15889680.8 X2: 2298323.45 Y2: 15889679.62 Delta X: -0.06 Delta Y: -1.18

Point M12-1:

X1: 2297528.83 Y1: 15906877.52 X2: 2297528.96 Y2: 15906878.04 Delta X: 0.14 Delta Y: 0.52

Point M12-1:

X1: 2270535.98 Y1: 15929916.54 X2: 2270536.35 Y2: 15929916.27 Delta X: 0.37 Delta Y: -0.27

Point M12-1:

X1: 2314359.87 Y1: 15842385.88 X2: 2314361.17 Y2: 15842384.83 Delta X: 1.3 Delta Y: -1.05

Point M12-1:

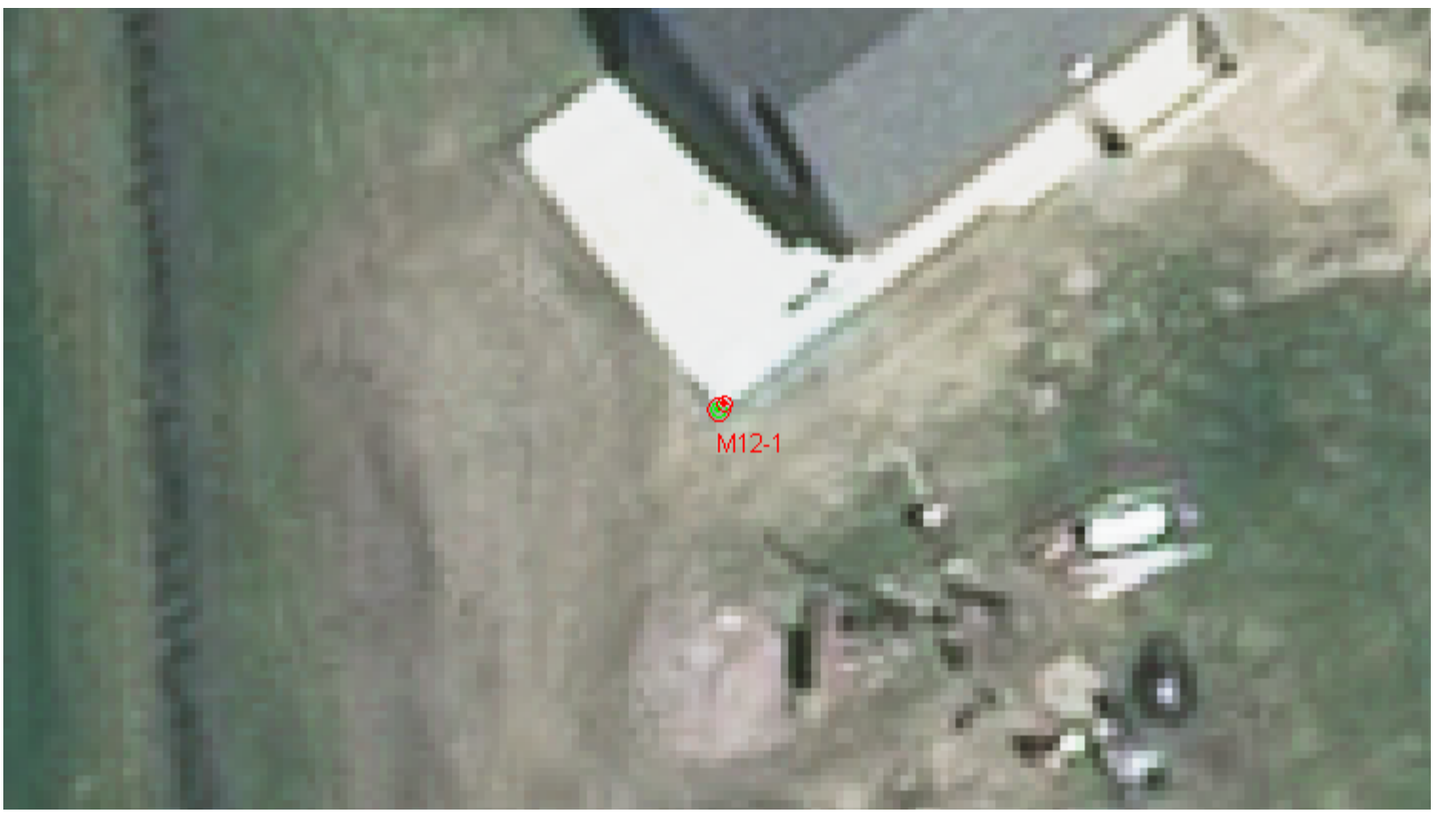
X1: 2315882.7 Y1: 15812175.13 X2: 2315882.01 Y2: 15812175.66 Delta X: -0.69 Delta Y: 0.53

Point M12-1:

X1: 2293810.54 Y1: 15858542.97 X2: 2293810.81 Y2: 15858543.55 Delta X: 0.28 Delta Y: 0.58

Point M12-1:

X1: 2309819.2 Y1: 15870321.75 X2: 2309819.98 Y2: 15870322.52 Delta X: 0.77 Delta Y: 0.77

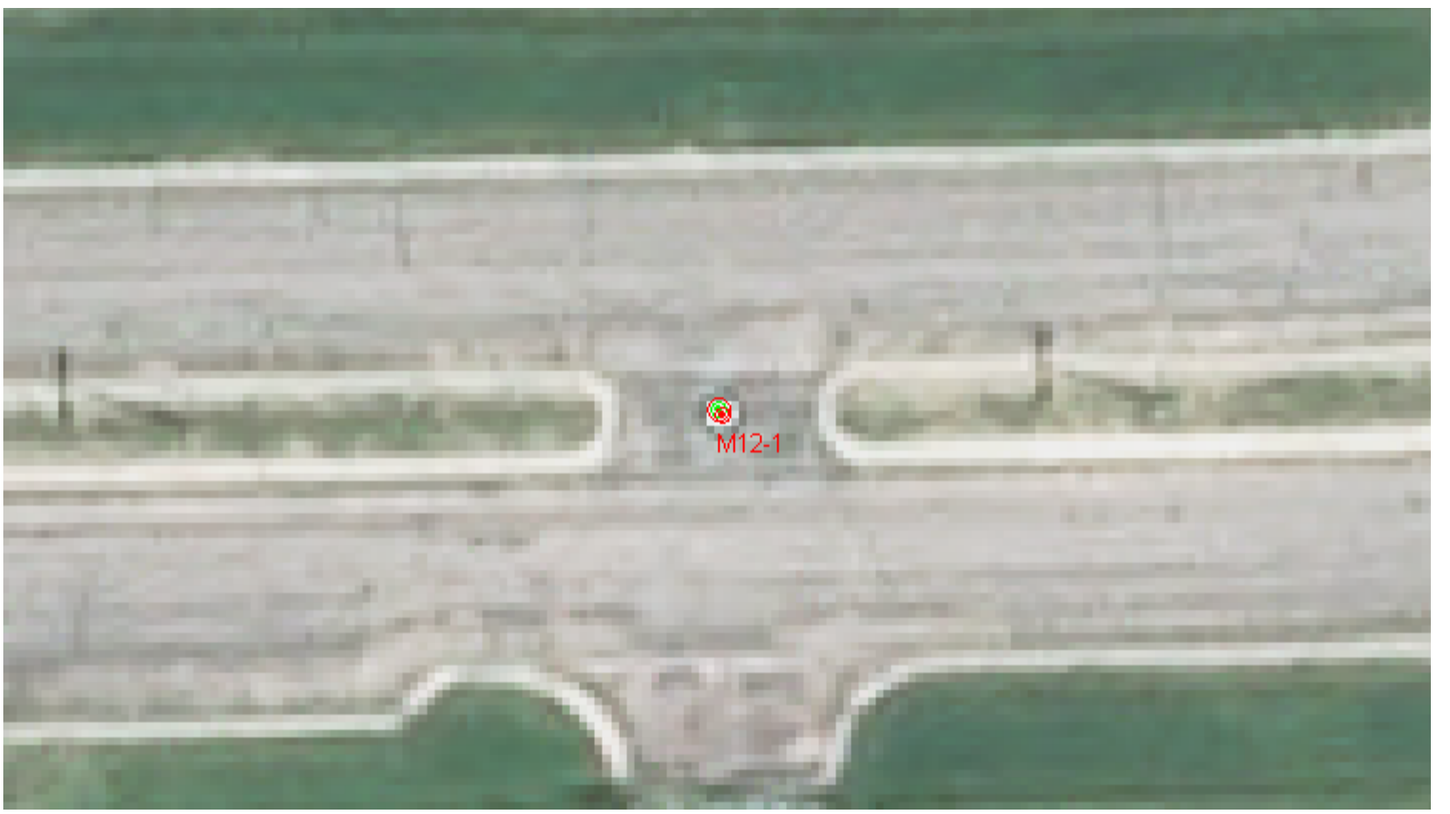


Point M12-1:

X1: 2278334.13 Y1: 15879436.19 X2: 2278334.47 Y2: 15879435.56 Delta X: 0.34 Delta Y: -0.63

Point M12-1:

X1: 2266690.22 Y1: 15895197.23 X2: 2266690.79 Y2: 15895196.54 Delta X: 0.57 Delta Y: -0.69



Point M12-1:

X1: 2281853.61 Y1: 15895804.23 X2: 2281854.19 Y2: 15895802.99 Delta X: 0.58 Delta Y: -1.24

Point M12-1:

X1: 2263724.95 Y1: 15930653.36 X2: 2263724.45 Y2: 15930652.62 Delta X: -0.51 Delta Y: -0.74

Point M12-2:

X1: 2294139.97 Y1: 15822185.5 X2: 2294140.37 Y2: 15822185.66 Delta X: 0.4 Delta Y: 0.16

Point M12-2:

X1: 2261900.7 Y1: 15871013.49 X2: 2261900.25 Y2: 15871014.18 Delta X: -0.45 Delta Y: 0.69

Point M12-2:

X1: 2293288.09 Y1: 15871641.75 X2: 2293287.49 Y2: 15871642.77 Delta X: -0.61 Delta Y: 1.02

Point M12-2:

X1: 2293390.79 Y1: 15862204.52 X2: 2293391.32 Y2: 15862204.49 Delta X: 0.53 Delta Y: -0.03

Point M12-2:

X1: 2153705.45 Y1: 15860890.7 X2: 2153703.99 Y2: 15860891.21 Delta X: -1.46 Delta Y: 0.51

Point M12-2:

X1: 2149698.92 Y1: 15912446.69 X2: 2149698.59 Y2: 15912446.95 Delta X: -0.33 Delta Y: 0.26

Point M12-2:

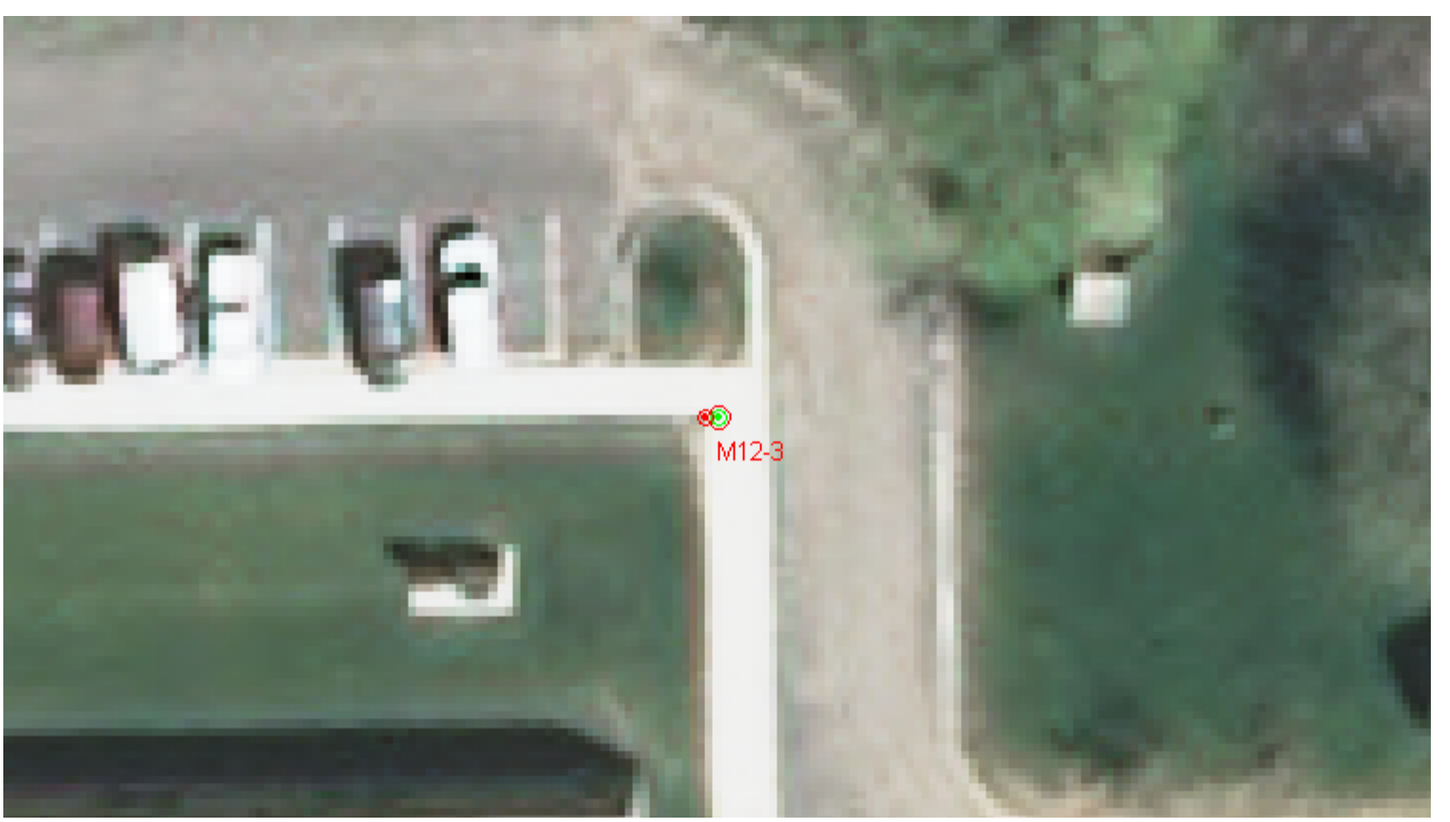
X1: 2142525.04 Y1: 15913048.6 X2: 2142524.44 Y2: 15913048.67 Delta X: -0.59 Delta Y: 0.07

Point M12-3:

X1: 2154097.53 Y1: 15899441.08 X2: 2154096.46 Y2: 15899441.07 Delta X: -1.07 Delta Y: -0.01

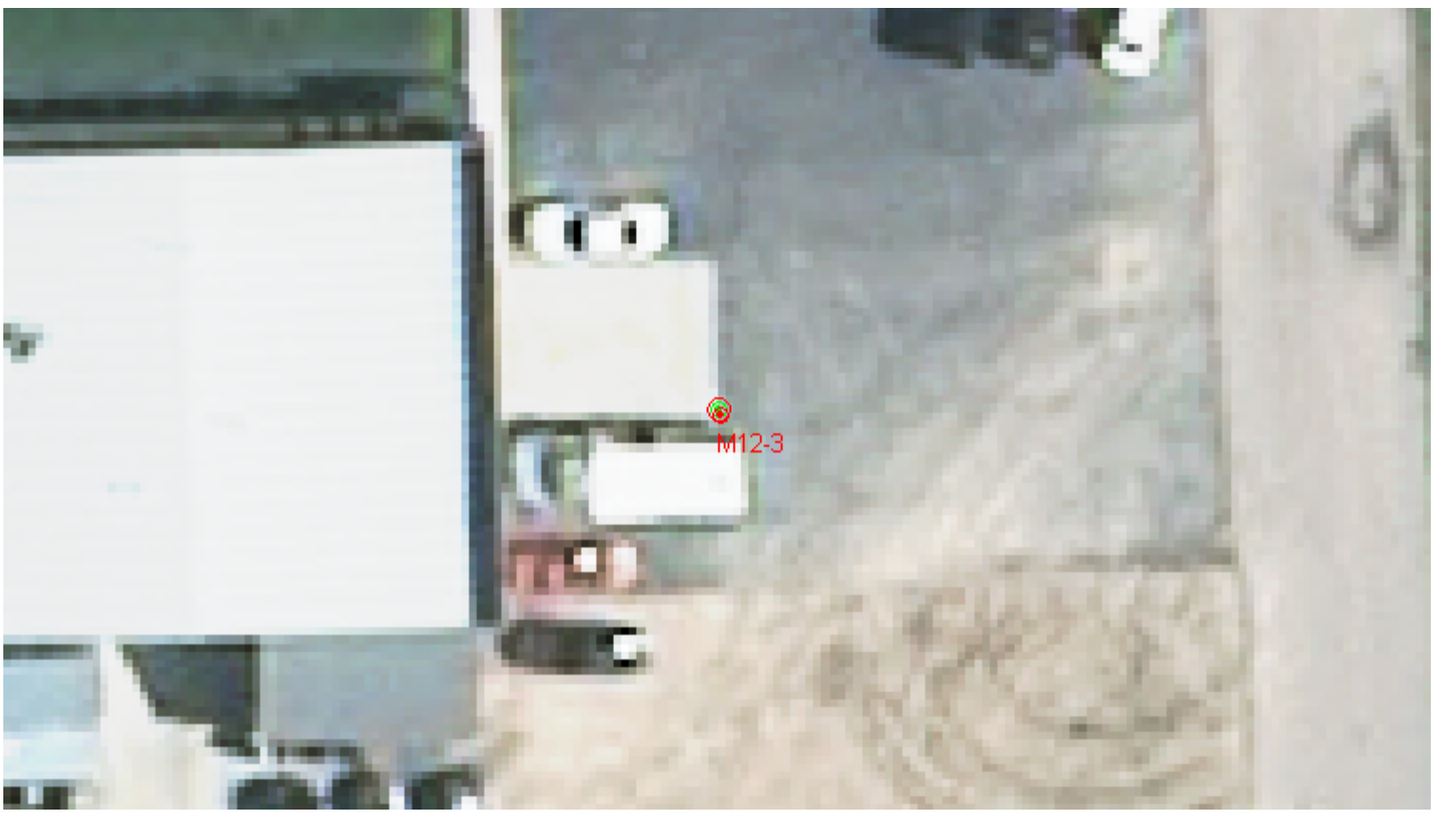
Point M12-3:

X1: 2150290.48 Y1: 15858688.93 X2: 2150288.99 Y2: 15858688.83 Delta X: -1.49 Delta Y: -0.1



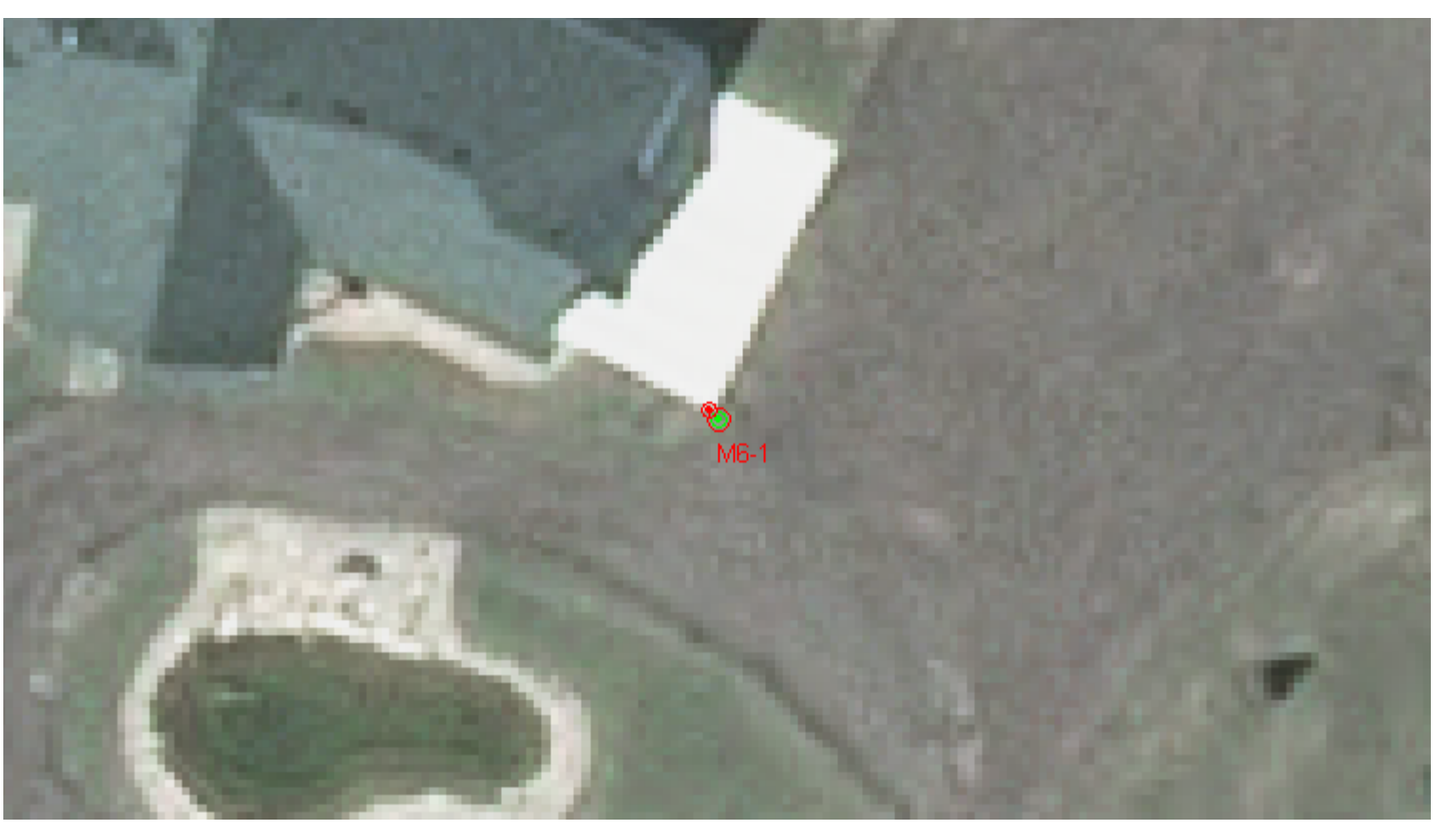
Point M12-3:

X1: 2227086.93 Y1: 15925584.38 X2: 2227087.18 Y2: 15925583.64 Delta X: 0.25 Delta Y: -0.74



Point M6-1:

X1: 2284121.81 Y1: 15811590.22 X2: 2284120.67 Y2: 15811591.32 Delta X: -1.14 Delta Y: 1.1



Point M6-2:

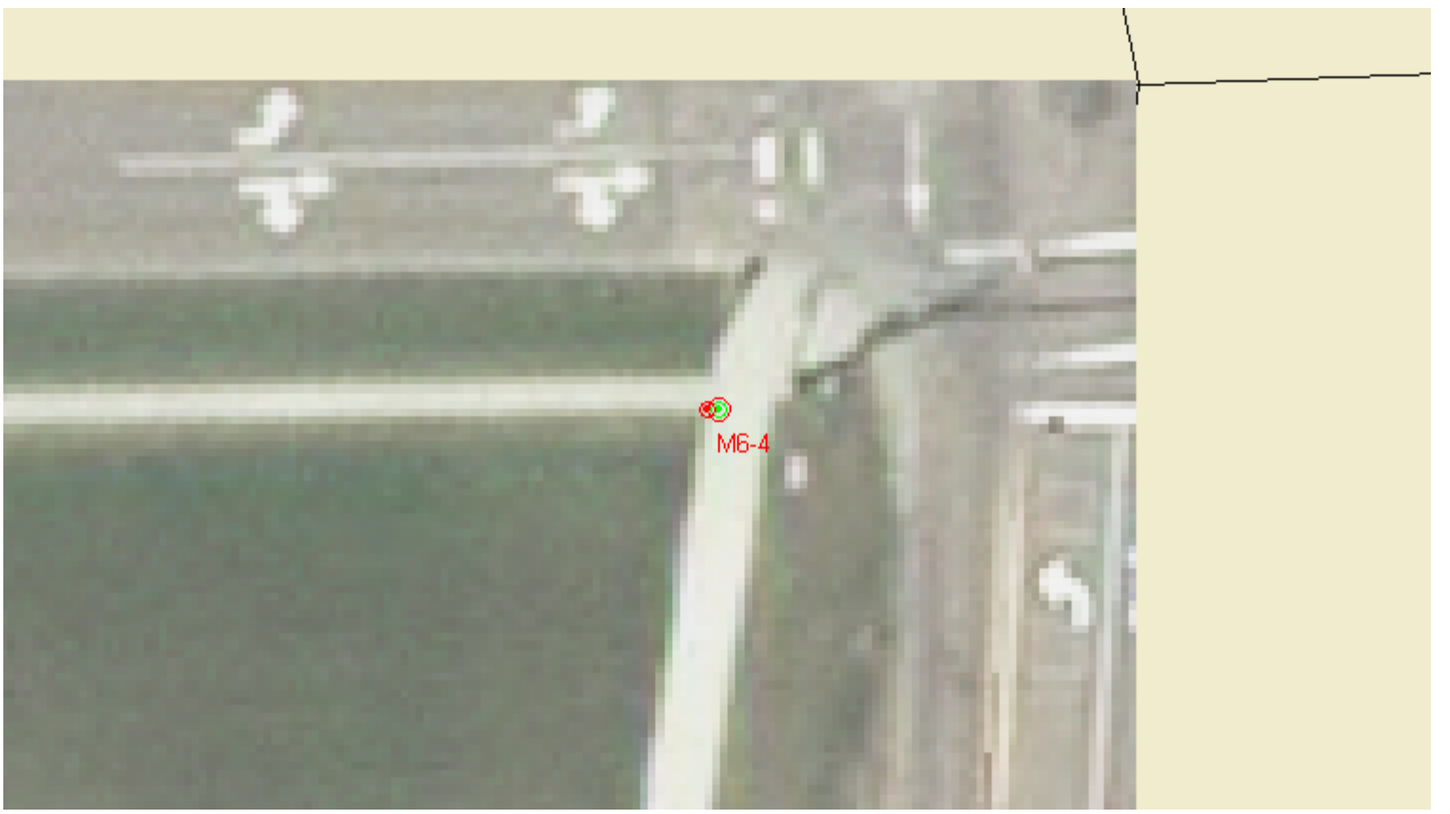
X1: 2267286.45 Y1: 15821642.37 X2: 2267287.16 Y2: 15821641.64 Delta X: 0.71 Delta Y: -0.73

Point M6-3:

X1: 2267761.74 Y1: 15837279.76 X2: 2267761.62 Y2: 15837279.33 Delta X: -0.12 Delta Y: -0.43

Point M6-4:

X1: 2279241.56 Y1: 15837283.15 X2: 2279240.15 Y2: 15837283.1 Delta X: -1.41 Delta Y: -0.05



Point M6-5:

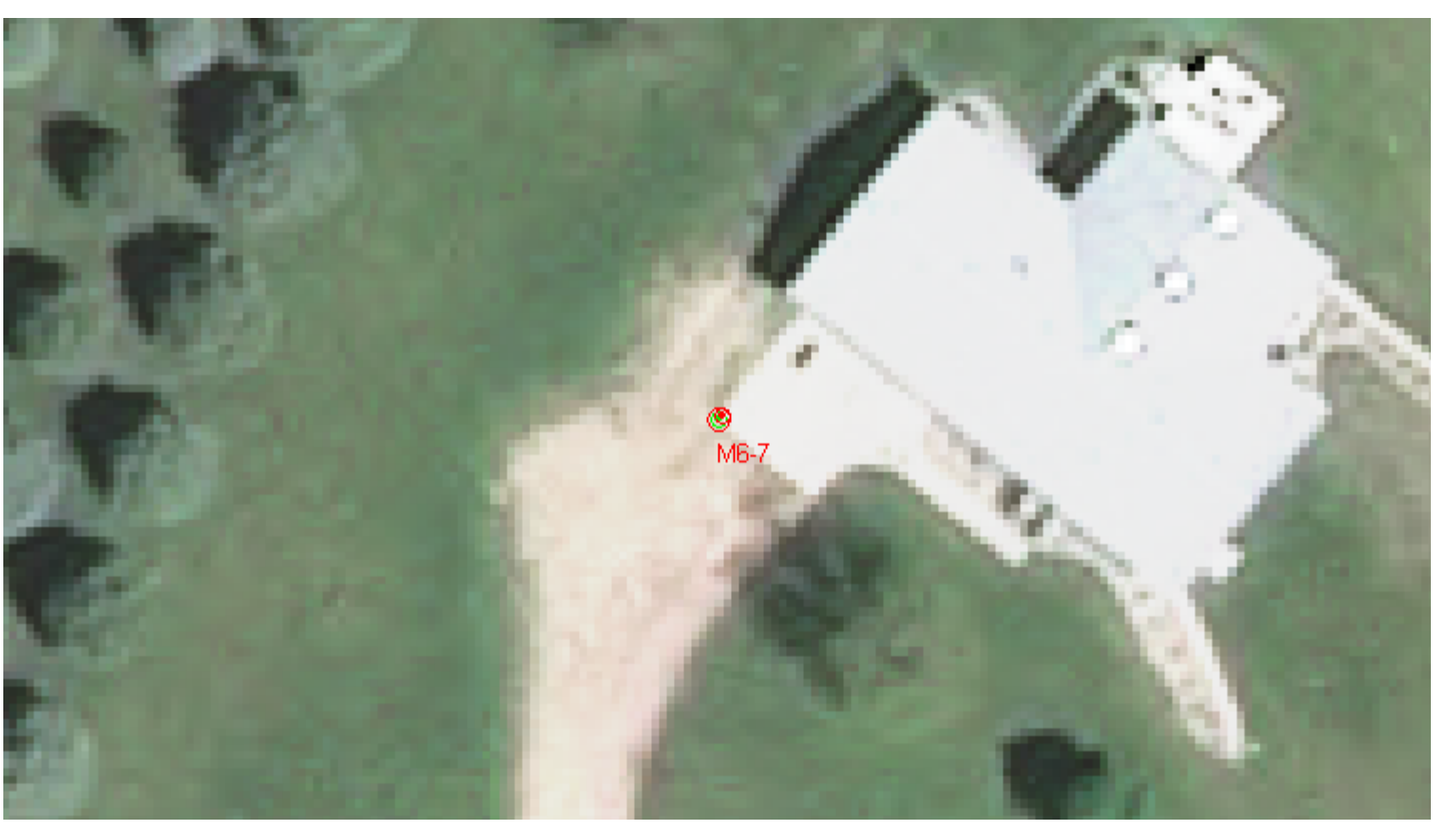
X1: 2281843.28 Y1: 15846096.37 X2: 2281844.28 Y2: 15846095.74 Delta X: 1 Delta Y: -0.63

Point M6-6:

X1: 2262197.5 Y1: 15857776.2 X2: 2262197.55 Y2: 15857776.7 Delta X: 0.05 Delta Y: 0.5

Point M6-7:

X1: 2279674.24 Y1: 15858826.55 X2: 2279674.85 Y2: 15858826.96 Delta X: 0.61 Delta Y: 0.41

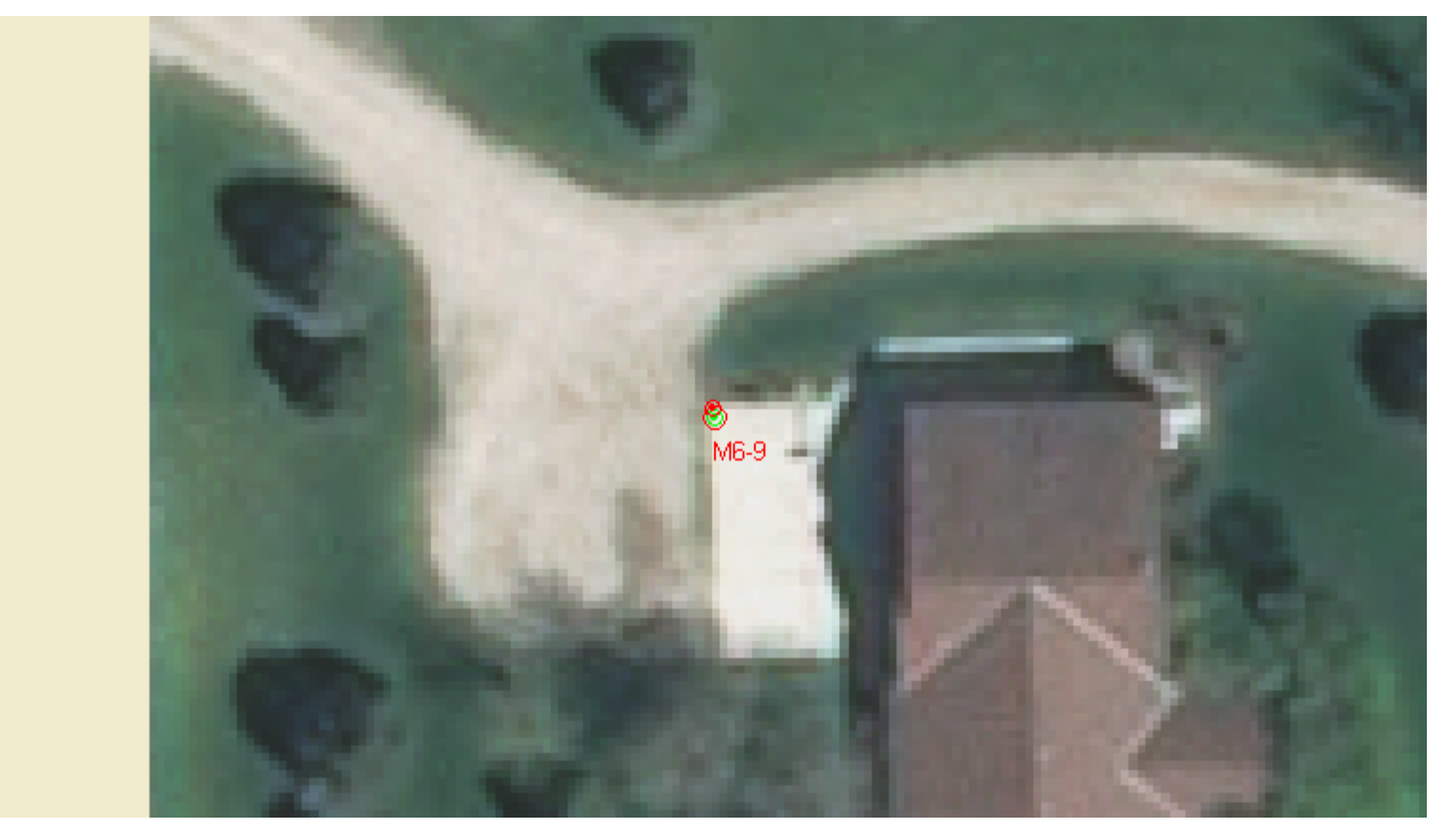


Point M6-8:

X1: 2262387.71 Y1: 15863427.62 X2: 2262387.74 Y2: 15863429.78 Delta X: 0.03 Delta Y: 2.16

Point M6-9:

X1: 2224937.04 Y1: 15861969.05 X2: 2224936.87 Y2: 15861970.12 Delta X: -0.17 Delta Y: 1.07



Point M6-10:

X1: 2214473.16 Y1: 15817688.46 X2: 2214473.86 Y2: 15817688.76 Delta X: 0.7 Delta Y: 0.3

Point M6-11:

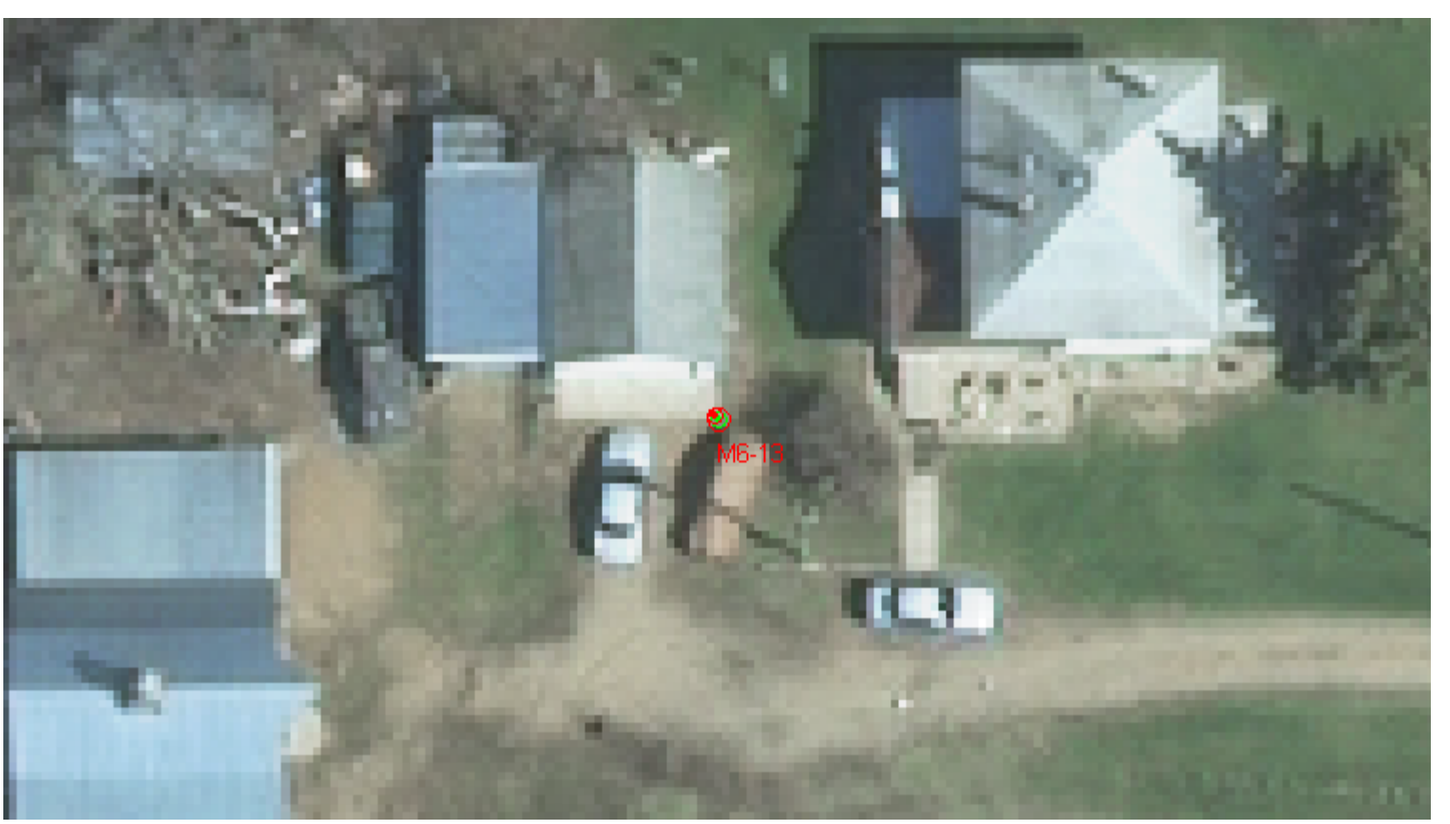
X1: 2201578.25 Y1: 15808978.18 X2: 2201578.31 Y2: 15808978.74 Delta X: 0.05 Delta Y: 0.56

Point M6-12:

X1: 2183377.03 Y1: 15847072.5 X2: 2183377.11 Y2: 15847072.89 Delta X: 0.08 Delta Y: 0.39

Point M6-13:

X1: 2220011.38 Y1: 15842075 X2: 2220011.1 Y2: 15842075.44 Delta X: -0.27 Delta Y: 0.44

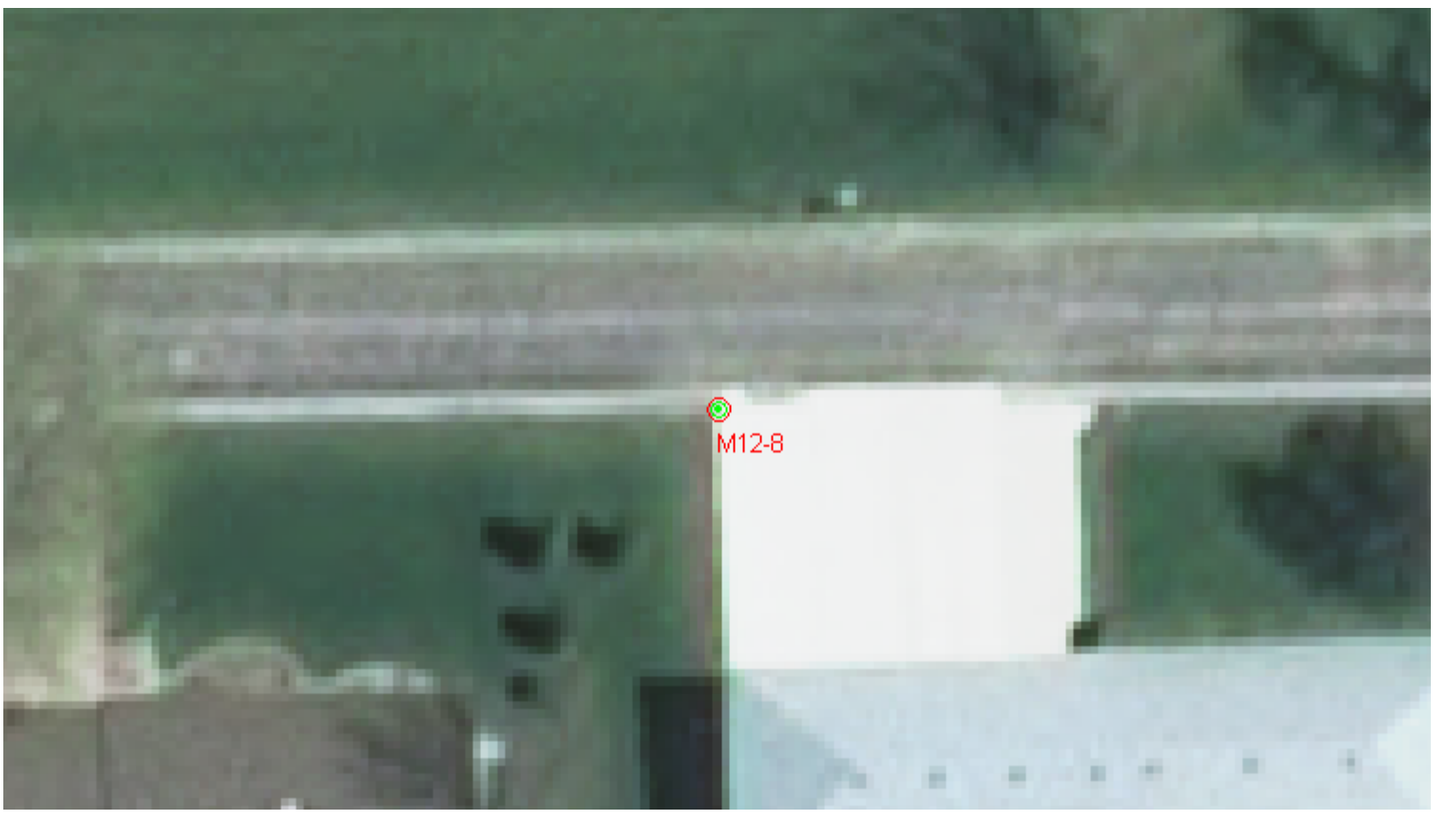


Coordinates and Offsets of Unanalyzed Locations

		ID	Survey X	Survey Y	Reason For Exclusion
1)	☐	M12-8	2303105.5	15890741.71	Ambigious Location
2)	☐	M12-9	2310194.37	15939392.12	Out of Bounds
3)	☐	L12-1	2265858.58	15764525.86	Out of Bounds
4)	☐	L12-2	2229058.2	15778369.62	Out of Bounds
5)	☐	L12-3	2202194.44	15753125.36	Out of Bounds
6)	☐	L12-4	2214299.27	15736389.95	Out of Bounds
7)	☐	L12-5	2234494.69	15736932.4	Out of Bounds
8)	☐	L12-6	2234495.19	15736914.59	Out of Bounds
9)	☐	L12-7	2270443.78	15738133.21	Out of Bounds
10)	☐	L12-8	2300786.31	15707049.42	Out of Bounds
11)	☐	L12-9	2300752.68	15707048.41	Out of Bounds
12)	☐	L12-1	2271827.57	15706155.09	Out of Bounds
13)	☐	L12-1	2240879.97	15705839.22	Out of Bounds
14)	☐	L12-1	2203732.89	15703820.12	Out of Bounds
15)	☐	L12-1	2208511.46	15673047.72	Out of Bounds
16)	☐	L12-1	2236417.71	15673818.07	Out of Bounds
17)	☐	L12-1	2276571.21	15674992.24	Out of Bounds
18)	☐	L12-1	2295766.48	15675507.89	Out of Bounds
19)	☐	L6-1	2213141.04	15792326.87	Out of Bounds
20)	☐	L6-2	2249967.67	15788332.1	Out of Bounds

Point M12-8:

X1: 2303105.5 Y1: 15890741.71 Reason For Exclusion: Ambigious Location



Point M12-9:

X1: 2310194.37 Y1: 15939392.12 Reason For Exclusion: Out of Bounds

Point L12-1:

X1: 2265858.58 Y1: 15764525.86 Reason For Exclusion: Out of Bounds

Point L12-2:

X1: 2229058.2 Y1: 15778369.62 Reason For Exclusion: Out of Bounds

Point L12-3:

X1: 2202194.44 Y1: 15753125.36 Reason For Exclusion: Out of Bounds

Point L12-4:

X1: 2214299.27 Y1: 15736389.95 Reason For Exclusion: Out of Bounds

Point L12-5:

X1: 2234494.69 Y1: 15736932.4 Reason For Exclusion: Out of Bounds

Point L12-6:

X1: 2234495.19 Y1: 15736914.59 Reason For Exclusion: Out of Bounds

Point L12-7:

X1: 2270443.78 Y1: 15738133.21 Reason For Exclusion: Out of Bounds

Point L12-8:

X1: 2300786.31 Y1: 15707049.42 Reason For Exclusion: Out of Bounds

Point L12-9:

X1: 2300752.68 Y1: 15707048.41 Reason For Exclusion: Out of Bounds

Point L12-1:

X1: 2271827.57 Y1: 15706155.09 Reason For Exclusion: Out of Bounds

Point L12-1:

X1: 2240879.97 Y1: 15705839.22 Reason For Exclusion: Out of Bounds

Point L12-1:

X1: 2203732.89 Y1: 15703820.12 Reason For Exclusion: Out of Bounds

Point L12-1:

X1: 2208511.46 Y1: 15673047.72 Reason For Exclusion: Out of Bounds

Point L12-1:

X1: 2236417.71 Y1: 15673818.07 Reason For Exclusion: Out of Bounds

Point L12-1:

X1: 2276571.21 Y1: 15674992.24 Reason For Exclusion: Out of Bounds

Point L12-1:

X1: 2295766.48 Y1: 15675507.89 Reason For Exclusion: Out of Bounds

Point L6-1:

X1: 2213141.04 Y1: 15792326.87 Reason For Exclusion: Out of Bounds

Point L6-2:

X1: 2249967.67 Y1: 15788332.1 Reason For Exclusion: Out of Bounds