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The Connecticut Bedrock Map Revision Strategic Plan (2021)

The Connecticut Bedrock Map Revision Strategic Plan (2021) is a 7 page pdf document which includes Connecticut 7.5 minute quadrangle index maps and accompanying list of associated priority ratings for bedrock mapping and GeMS geodatabase compilations. The plan will be a useful guide for future cooperative mapping, research, and digital compilation efforts. The Connecticut Bedrock Map Revision Strategic Plan is a live document, to be updated regularly as work progresses and new information becomes available. Modifications are expected through annual Connecticut State Geologic Mapping Advisory Committee reviews, or as societal issues cause a shift in mapping efforts and geologic investigations. This bedrock map revision plan is intended to be a periodic progress report, reflecting current progress and direction of the long-range plan to produce a new statewide bedrock map by 2030.

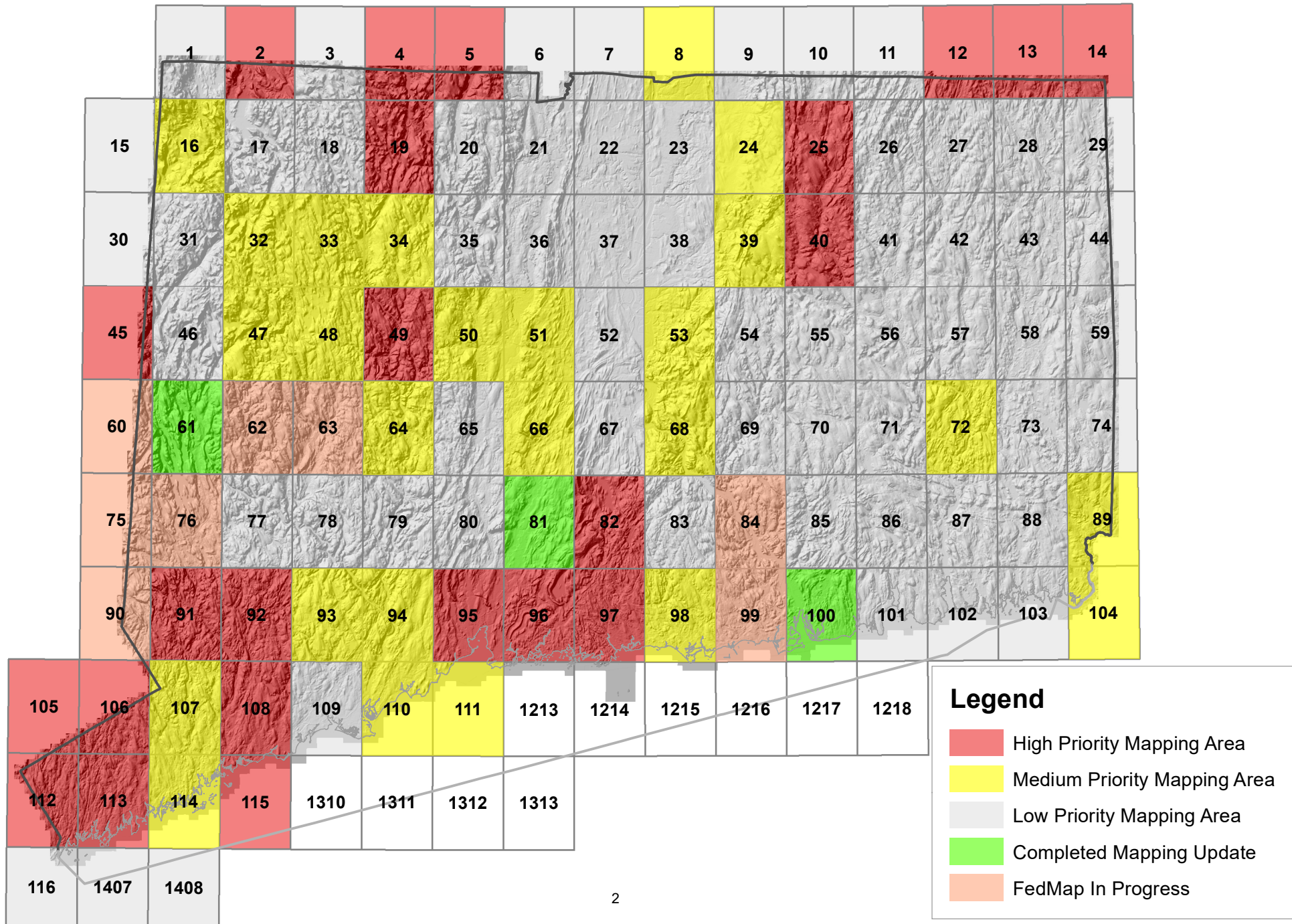
The Connecticut Bedrock Map Revision Strategic Plan has been developed to formalize the Connecticut long-range bedrock mapping strategy to guide and facilitate future cooperative mapping and digital compilation efforts. The plan was crafted by the Connecticut State Geologist in consultation with geologic mappers and researchers experienced with Connecticut geologic map quality, and bedrock mapping needs for individual 7.5 minute quadrangles. Areas of expertise in both Hartford Basin Mesozoic rocks, and the crystalline rocks of Connecticut's eastern and western uplands were represented by contributing scientists. Assessment of the magnitude of field mapping, geochemistry, geochronology, and structural analysis required for individual quadrangle areas was used to determine priority ratings.

Map revision priorities specify quadrangles requiring wholesale re-mapping to address scientific and societal issues, quadrangles requiring limited fieldwork for revision, those needing fieldwork to reconcile mapping with adjacent areas, and quadrangles requiring few or no revisions prior to launching regional compilation efforts. Quadrangle areas requiring the most field work and analyses were considered high priority. Areas with minimal mapping needs were rated low priority. Those requiring considerable field work, but of a limited extent within the quadrangle were classified as medium priority. National Cooperative Geologic Mapping Program FedMap projects in progress are identified. Quadrangle areas where recent mapping has been completed are also identified. Mapping in these areas has been supported by StateMap and other initiatives.

GeMS geodatabase development priorities exclusive of mapping efforts were generally identified as the inverse of mapping priorities. Areas with high mapping priority were typically assigned a low GeMS priority. Similarly, quadrangles assigned as having a low priority for mapping were identified as having a high priority for GeMS geodatabase development. Areas with low mapping needs are good candidates for digital compilation because subsequent editing for regional compilations would be facilitated with existing vector data. Priority categories for quadrangles with medium mapping priority were generally assigned a medium GeMS priority. Several quadrangle digital compilation projects in GeMS have been accomplished with support from the National Geological and Geophysical Preservation Program, and other initiatives. These areas where GeMS geodatabase compilations are complete are indicated.

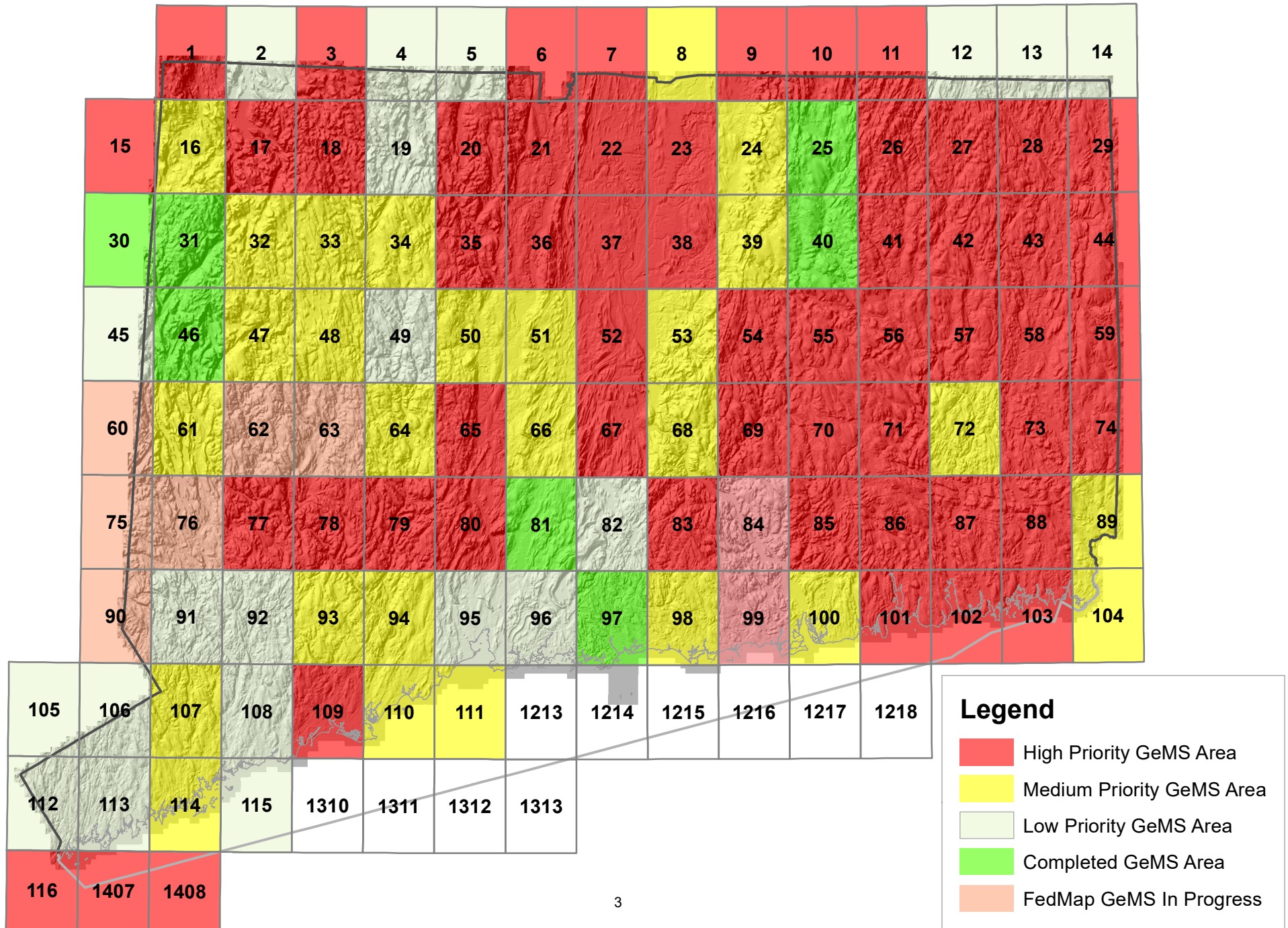
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Quadrangle Map Revision Priorities



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Quadrangle Map Geodatabase (GeMS) Priorities



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Quad#	Quadrangle (7.5 minute)	Map Revision Priority	GeMS gdb Priority
1	Bashbish Falls	Low	High
2	Ashley Falls	High	Low
3	South Sandisfield	Low	High
4	Tolland Center	High	Low
5	West Granville	High	Low
6	Southwick	Low	High
7	West Springfield	Low	High
8	Springfield South	Medium	Medium
9	Hampden	Low	High
10	Monson	Low	High
11	Wales	Low	High
12	Southbridge	High	Low
13	Webster	High	Low
14	Oxford	High	Low
15	Millerton	Low	High
16	Sharon	Medium	Medium
17	South Canaan	Low	High
18	Norfolk	Low	High
19	Winsted	High	Low
20	New Hartford	Low	High
21	Tariffville	Low	High
22	Windsor Locks	Low	High
23	Broad Brook	Low	High
24	Ellington	Medium	Medium
25	Stafford Springs	High	Completed
26	Westford	Low	High
27	Eastford	Low	High
28	Putnam	Low	High
29	Thompson	Low	High
30	Amenia	Low	Completed
31	Ellsworth	Low	Completed

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32	Cornwall	Medium	Medium
33	West Torrington	Medium	Medium
34	Torrington	Medium	Medium
35	Collinsville	Low	High
36	Avon	Low	High
37	Hartford North	Low	High
38	Manchester	Low	High
39	Rockville	Medium	Medium
40	Coventry	High	Completed
41	Spring Hill	Low	High
42	Hampton	Low	High
43	Danielson	Low	High
44	East Killingly	Low	High
45	Dover Plains	High	Low
46	Kent	Low	Completed
47	New Preston	Medium	Medium
48	Litchfield	Medium	Medium
49	Thomaston	High	Low
50	Bristol	Medium	Medium
51	New Britain	Medium	Medium
52	Hartford South	Low	High
53	Glastonbury	Medium	Medium
54	Marlborough	Low	High
55	Columbia	Low	High
56	Willimantic	Low	High
57	Scotland	Low	High
58	Plainfield	Low	High
59	Oneco	Low	High
60	Pawling	FedMap	FedMap
61	New Milford	Completed	Medium
62	Roxbury	FedMap	FedMap
63	Woodbury	FedMap	FedMap
64	Waterbury	Medium	Medium

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65	Southington	Low	High
66	Meriden	Medium	Medium
67	Middletown	Low	High
68	Middle Haddam	Medium	Medium
69	Moodus	Low	High
70	Colchester	Low	High
71	Fitchville	Low	High
72	Norwich	Medium	Medium
73	Jewett City	Low	High
74	Voluntown	Low	High
75	Brewster	FedMap	FedMap
76	Danbury	FedMap	FedMap
77	Newtown	Low	High
78	Southbury	Low	High
79	Naugatuck	Low	High
80	Mount Carmel	Low	High
81	Wallingford	Completed	Completed
82	Durham	High	Low
83	Haddam	Low	High
84	Deep River	FedMap	FedMap
85	Hamburg	Low	High
86	Montville	Low	High
87	Uncasville	Low	High
88	Old Mystic	Low	High
89	Ashaway	Medium	Medium
90	Peach Lake	FedMap	FedMap
91	Bethel	High	Low
92	Botsford	High	Low
93	Long Hill	Medium	Medium
94	Ansonia	Medium	Medium
95	New Haven	High	Low
96	Branford	High	Low
97	Guilford	High	Completed

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98	Clinton	Medium	Medium
99	Essex	FedMap	FedMap
100	Old Lyme	Completed	Medium
101	Niantic	Low	High
102	New London	Low	High
103	Mystic	Low	High
104	Watch Hill	Medium	Medium
105	Mount Kisco	High	Low
106	Pound Ridge	High	Low
107	Norwalk North	Medium	Medium
108	Westport	High	Low
109	Bridgeport	Low	High
110	Milford	Medium	Medium
111	Woodmont	Medium	Medium
112	Glennville	High	Low
113	Stamford	High	Low
114	Norwalk South	Medium	Medium
115	Sherwood Point	High	Low
116	Mamaroneck	Low	High
1407	Bayville	Low	High
1408	Lloyd Harbor	Low	High