

NATIONAL WILD AND SCENIC RIVERS SYSTEM

East Branch of the Tahquamenon Wild and Scenic River

Hiawatha National Forest, MI

I hereby certify that the boundary description and maps made a part of this description herewith represents the location of the boundary of the East Branch of the Tahquamenon Wild and Scenic River on the Hiawatha National Forest.

Signed: JORDAN KETOLA Digitally signed by JORDAN KETOLA
Date: 2022.03.24 06:13:49 -05'00'

Date: 03/24/2022

Jordan M. Ketola - Forest Land Surveyor

I hereby certify and accept the boundary description and maps of the East Branch of the Tahquamenon Wild and Scenic River on the Hiawatha National Forest as entered into the National Wild and Scenic Rivers System by the Michigan Scenic Rivers Act of 1991 (Public Law 102-249).

Signed: 

Date: 7/7/2022

Regional Forester

HIAWATHA NATIONAL FOREST
East Branch of the Tahquamenon River
WILD AND SCENIC RIVER CORRIDOR
BOUNDARY DESCRIPTION
Chippewa County, Michigan

The East Branch of the Tahquamenon River corridor extends through the Hiawatha National Forest in Michigan from its origins in Betchler Marsh in Section 8, T45NR05W through T46NR05W, to the western boundary of the Hiawatha National Forest in Section 19, T46NR06W, all in Mackinac County, Michigan Meridian.

It is one distinct corridor consisting of 13.2 miles, with two different segments designated as components of the National Wild and Scenic Rivers System by the Michigan Scenic Rivers Act of 1991 (Public Law 102-249). A 10 mile segment from its origin in Betchler Marsh in Section 8, T45NR05W, to the center of Section 20, T46NR06W, is designated as a **"Recreational"** river. A 3.2 mile segment from the center of Section 20, T46NR06W, to the western boundary of the Hiawatha National Forest in Section 19, T46NR06W, as a **"Wild"** river. The entire corridor consists of a total of 2,985 acres, more or less.

The initial corridor was determined by a Hiawatha National Forest "Interdisciplinary Team" during the development of a Resource Assessment in 2002-03. It was decided that most of the corridor would follow established timber "stand" lines, while other areas would follow the Public Land Survey System (PLSS) aliquot part legal descriptions (section lines, 1/16th lines, etc.), or the edges of specified roads or old railroads. This boundary description is written in a way that best follows those previous decisions.

The corridors are described by coordinate pairs expressed in UTM Zone 16 North, NAD83 (Conus) in Meters, along with ties to the PLSS. The Coordinates were derived from spatial forest-specific data developed and maintained in ArcGIS, a GIS (geographic information system) software. Points of directional change in the boundary line where available by calls indicated at the intersection and/or coincidence of the boundary with other line features such as roads (Forest Road – FR), trails, creeks and section lines. Textual descriptions are given of these topologically related features for clarity, and practical location. The actual locations of these calls on the ground supersede the coordinate pair locations, if they differ. The coordinates that are given for property controlling corners on PLSS lines are approximate locations derived from the Hiawatha National Forest GIS data layer which was used to define the boundary of the river corridor. These coordinate pair locations are not intended to control the legal location of the section, quarter section or sixteenth section corners or lines; such locations must be established by legal survey.

Beginning at a point where the northerly corridor of the East Branch of the Tahquamenon River intersects the western forest boundary, being the section line common to Sections 19, T46NR06W, and 24, T46NR07W, Chippewa County, thence in a general easterly direction (upstream) along the northerly river corridor boundary in segments through the following coordinate pairs:

Angle Point #	Easting	Northing	Description
1	645065	5136815	A point on the section line common to Sections 19, T46NR06W, and 24, T46NR07W, thence along the following coordinate pairs in said Section 19:
2	645452	5136761	
3	645498	5136741	
4	645528	5136713	
5	645563	5136657	
6	645630	5136569	
7	645631	5136588	
8	645619	5136667	
9	645640	5136699	
10	645719	5136702	
11	645777	5136689	
12	645987	5136578	
13	646057	5136526	
14	646098	5136484	
15	646137	5136465	
16	646250	5136487	
17	646323	5136518	
18	646381	5136509	
19	646419	5136464	
20	646422	5136425	
21	646376	5136392	
22	646369	5136359	
23	646428	5136323	
24	646457	5136347	
25	646463	5136385	
26	646494	5136433	
27	646513	5136434	
28	646571	5136421	
29	646605	5136438	
30	646622	5136468	Near the section line common to Sections 19 and 20, T46NR06W, thence along the following coordinate pairs in said Section 20:
31	646654	5136498	
32	646674	5136501	
33	646751	5136489	
34	646785	5136509	
35	646839	5136664	
36	646826	5136730	
37	646899	5136782	

38	646919	5136848	
39	647062	5136857	
40	647145	5136841	
41	647226	5136844	
42	647390	5136932	
43	647419	5136971	
44	647442	5137015	
45	647477	5137019	
46	647502	5136989	
47	647540	5136994	
48	647576	5137065	
49	647619	5137086	
50	647684	5137067	
51	647722	5137076	
52	647783	5137179	
53	647810	5137170	
54	647829	5137182	
55	647845	5137218	
56	647884	5137206	
57	647981	5137222	
58	648008	5137193	
59	647995	5137158	
60	647927	5137060	
61	647934	5137003	
62	647985	5136972	
63	648057	5137040	
64	648194	5137094	Near the section line common to Sections 20 and 21, T46NR06W, thence along the following coordinate pairs in said Section 21:
65	648321	5137083	
66	648346	5137109	
67	648315	5137167	
68	648324	5137195	
69	648425	5137231	
70	648505	5137290	
71	648564	5137293	
72	648677	5137370	
73	648734	5137357	
74	648755	5137321	
75	648765	5137265	
76	648796	5137244	
77	648872	5137266	
78	648910	5137255	

79	648927	5137224	
80	648992	5137252	
81	649012	5137286	
82	649008	5137525	
83	649055	5137585	Cross FR3211A between points 82 and 83. Point 83 also being on the section line of Sections 16 and 21, T46NR06W, thence easterly along the north line of said Section 21 to:
84	649384	5137587	The E 1/16th corner common to Sections 16 and 21, T46NR06W, thence southerly along the west line of the NE1/4NE1/4 of said Section 21 to:
85	649390	5137441	Cross FR3211 between points 84 and 85. Point 85 also being on the southerly 33 foot offset from the centerline of FR3211, thence easterly along said 33 foot offset, and along the following the coordinate pairs (to point 91):
86	649436	5137424	
87	649502	5137382	
88	649540	5137381	
89	649573	5137416	
90	649639	5137483	
91	649677	5137505	Leave the southerly 33 foot offset from the centerline of FR3211. Point 91 also being on the centerline of M-123, thence southerly along the centerline of M-123, along the following the coordinate pairs (to point 93):
92	649698	5137469	
93	649714	5137442	Leave centerline of M-123 to:
94	649733	5137453	A point on the southerly 33 foot offset of an unnamed road on private land, thence easterly along said 33 foot offset, and along the following the coordinate pairs (to point 98):
95	649793	5137423	Near the section line common to Sections 21 and 22, T46NR06W, thence along the following coordinate pairs in said Section 22:
96	650002	5137316	
97	650104	5137304	
98	650206	5137336	A point on the west line of the NE1/4NW1/4 of Section 22, T46NR06W, thence northerly on the west line of the NE1/4NW1/4 of said Section 22 to:
99	650197	5137578	A point on the west line of the NE1/4NW1/4 of Section 22, T46NR06W, thence along the following coordinate pairs in said Section 22:
100	650224	5137583	
101	650239	5137603	Near the section line common to Sections 15 and 22, T46NR06W, thence along the following coordinate pairs in said Section 15:
102	650278	5137663	
103	650317	5137668	
104	650339	5137651	

105	650358	5137605	Near the section line common to Sections 15 and 22, T46NR06W, thence along the following coordinate pairs in said Section 22:
106	650383	5137536	
107	650421	5137533	
108	650461	5137598	
109	650486	5137596	
110	650603	5137443	
111	650658	5137427	
112	650730	5137395	
113	650755	5137420	
114	650722	5137470	
115	650735	5137506	
116	650768	5137508	
117	650802	5137495	
118	650840	5137540	
119	650876	5137547	
120	651067	5137404	
121	651126	5137403	
122	651182	5137423	
123	651260	5137409	
124	651296	5137391	
125	651321	5137361	
126	651339	5137357	
127	651394	5137378	
128	651434	5137360	A point on the section line common to Sections 22 and 23, T46NR06W, thence northerly along the west line of said Section 23 to:
129	651429	5137503	A point on the section line common to Sections 22 and 23, T46NR06W, thence along the following coordinate pairs in said Section 23:
130	651512	5137443	
131	651499	5137393	
132	651517	5137359	
133	651555	5137367	
134	651577	5137399	
135	651614	5137399	
136	651647	5137383	
137	651674	5137453	
138	651804	5137498	
139	651888	5137445	
140	651907	5137447	
141	651980	5137509	

142	652038	5137508	
143	652099	5137582	
144	652216	5137565	
145	652543	5137409	
146	652531	5137395	
147	652448	5137359	
148	652478	5137333	
149	652537	5137325	
150	652615	5137308	
151	652647	5137291	
152	652689	5137316	
153	652720	5137315	
154	652812	5137340	
155	652841	5137270	
156	652880	5137263	
157	652893	5137249	
158	652912	5137091	
159	652972	5137015	
160	653044	5137012	Near the section line common to Sections 23 and 24, T46NR06W, thence along the following coordinate pairs in said Section 24:
161	653088	5136998	
162	653119	5136949	
163	653123	5136876	
164	653097	5136846	
165	653153	5136767	
166	653164	5136689	
167	653214	5136657	
168	653240	5136627	
169	653301	5136509	Cross old railroad grade between points 168 and 169. Point 169 also being on the southerly 50 foot offset of the centerline of said old railroad grade, thence easterly along said 50 foot offset, and along the following the coordinate pairs (to point 173):
170	653389	5136494	
171	653480	5136469	
172	653717	5136389	
173	654055	5136284	Leave the southerly 50 foot offset from the centerline of old railroad grade
174	654140	5136344	Cross old railroad grade between points 173 and 174
175	654236	5136349	
176	654345	5136380	
177	654436	5136384	
178	654537	5136359	

179	654664	5136426	Near the section line common to Sections 19, T46NR05W, and 24, T46NR06W, thence along the following coordinate pairs in said Section 19:
180	654838	5136433	
181	654922	5136426	
182	655038	5136395	
183	655092	5136373	
184	655164	5136370	
185	655191	5136362	
186	655290	5136323	
187	655299	5136309	
188	655287	5136295	
189	655246	5136300	
190	655207	5136238	
191	655129	5136185	
192	655106	5136147	
193	655093	5136103	Near the section line common to Sections 19 and 30, T46NR05W, thence along the following coordinate pairs in said Section 30:
194	655102	5136055	
195	655126	5136016	
196	655173	5135995	
197	655330	5135949	
198	655371	5135923	
199	655407	5135893	
200	655414	5135848	Cross old railroad grade between points 199 and 200. Point 200 also being on the southerly 50 foot offset of the centerline of said old railroad grade, thence easterly along said 50 foot offset, and along the following the coordinate pairs (to point 208):
201	655470	5135833	Creek Number Eight at about point 201
202	655512	5135823	
203	655581	5135809	
204	655650	5135799	
205	655720	5135794	
206	655790	5135793	
207	655858	5135794	
208	656238	5135807	Leave the southerly 50 foot offset from the centerline of old railroad grade. Point 208 also being on the section line common to Sections 29 and 30, T46NR05W, and also being near the centerline of FR3159 (Salt Point Road), thence southerly along the west line of said Section 29 to:
209	656255	5135320	The 1/4 corner common to Sections 29 and 30, T46NR05W, thence easterly along the south line of the SW1/4NW1/4 of said Section 29 to:

210	656659	5135326	The C-W 1/16 th corner of Section 29, T46NR05W, thence northerly along the east line of the SW1/4NW1/4 of said Section 29 to:
211	656658	5135357	A point on the east line of the SW1/4NW1/4 of Section 29, T46NR05W, thence along the following coordinate pairs in said Section 29:
212	656714	5135389	
213	656773	5135389	
214	656873	5135296	
215	656931	5135229	
216	656914	5135222	
217	656940	5135149	
218	656967	5135163	
219	656980	5135148	
220	656950	5135131	
221	656969	5135105	
222	657024	5135127	
223	657061	5135094	
224	657155	5135026	
225	657303	5134935	Cross FRS59A and a powerline between points 224 and 225. Point 225 also being on the north line of the SW1/4SE1/4 of Section 29, T46NR05W, thence westerly along said north line to:
226	657074	5134931	The C-S 1/16 th corner of Section 29, T46NR05W, thence southerly along the west line of the SW1/4SE1/4 of said Section 29 to:
227	657080	5134730	The C-S-S 1/64 th corner of Section 29, T46NR05W, thence easterly along the north line of the S1/2SW1/4SE1/4 of said Section 29 to:
228	657283	5134733	The SW-SE 1/64 th corner of Section 29, T46NR05W, thence continuing easterly along the north line of the S1/2SW1/4SE1/4 of said Section 29 to:
229	657382	5134735	The C-E-SW-SE 1/256 th corner of Section 29, T46NR05W, thence southerly along the east line of the W1/2SE1/4SW1/4SE1/4 of said Section 29 to:
230	657388	5134534	The E-W-W-E 1/256 th corner common to Sections 29 and 32, T46NR05W, also being near the centerline of M-28, thence easterly along the north line of said Section 32 to:
231	657488	5134535	The E 1/16 th corner common to Sections 29 and 32, T46NR05W, also being near the centerline of M-28, thence southerly along the west line of the E1/2NE1/4 of said Section 32 to:
232	657520	5133734	The C-E 1/16 th corner of Section 32, T46NR05W, thence southerly along the west line of the NE1/4SE1/4 of said Section 32 to:
233	657536	5133348	A point on the west line of the NE1/4SE1/4 of Section 32, T46NR05W, thence along the following coordinate pairs in said Section 32:
234	657610	5133379	
235	657669	5133314	
236	657739	5133278	

237	657716	5133163	
238	657733	5133062	
239	657713	5132999	
240	657660	5132976	
241	657612	5132979	
242	657573	5132949	
243	657573	5132932	A point on the section line common to Sections 5, T45NR05W and 32, T46NR05W, thence easterly along the north line of said Section 5 to:
244	657838	5132937	Cross FR3548A between points 243 and 244. Point 244 also being a point on the section line common to Sections 5, T45NR05W and 32, T46NR05W, thence along the following coordinate pairs in said Section 5:
245	657916	5132842	
246	657962	5132731	A point on the section line common to Sections 4 and 5, T45NR05W, thence southerly along the east line of said Section 5 to:
247	657965	5132634	A point on the section line common to Sections 4 and 5, T45NR05W, thence along the following coordinate pairs in said Section 5:
248	657914	5132624	
249	657868	5132637	
250	657840	5132672	
251	657845	5132746	
252	657812	5132790	
253	657766	5132789	
254	657722	5132747	
255	657676	5132682	
256	657660	5132617	
257	657667	5132538	
258	657704	5132365	
259	657718	5132343	
260	657737	5132326	
261	657702	5132229	
262	657664	5132197	
263	657533	5132174	Cross FR3548A between points 262 and 263. Point 263 also being on the westerly 33 foot offset of the centerline of said FR3548A, thence southerly along said 33 foot offset, and along the following the coordinate pairs (to point 278):
264	657537	5132151	
265	657602	5132089	
266	657645	5132012	
267	657686	5131931	

268	657710	5131865	
269	657756	5131809	
270	657816	5131776	
271	657833	5131755	
272	657782	5131726	
273	657748	5131713	
274	657725	5131653	
275	657753	5131610	
276	657700	5131516	
277	657702	5131458	
278	657724	5131419	Leave the westerly 33 foot offset of the centerline of FR3548A and cross FR3356 between points 277 and 278. Point 278 also being on the southerly 33 foot offset of the centerline of said FR3356, thence easterly along said 33 foot offset to:
279	657858	5131376	Leave the southerly 33 foot offset of the centerline of FR3356 to:
280	657865	5131345	Near the section line common to Sections 5 and 8, T45NR05W, thence along the following coordinate pairs in said Section 8:
281	657875	5131325	
282	657854	5131291	
283	657855	5131198	
284	657786	5131142	
285	657759	5131099	
286	657760	5131042	
287	657818	5130957	
288	657793	5130940	
289	657793	5130901	
290	657837	5130847	
291	657834	5130731	
292	657898	5130673	
293	657913	5130551	
294	657949	5130481	
295	658032	5130443	A point on the section line common to Sections 8 and 9, T45NR05W, thence southerly along the east line of said Section 8 to:
296	658042	5130096	A point on the section line common to Sections 8 and 9, T45NR05W, also being the furthest southeasterly, and about the transition point of the East Branch of the Tahquamenon River corridor where it goes from following the upstream side to following the downstream side, thence along the following coordinate pairs in said Section 8:
297	657996	5130094	
298	657942	5130119	
299	657924	5130117	

300	657911	5130059	
301	657850	5130096	
302	657697	5130148	
303	657573	5130222	
304	657522	5130227	
305	657521	5130256	
306	657500	5130286	
307	657459	5130303	
308	657412	5130317	
309	657402	5130336	
310	657410	5130348	
311	657461	5130360	
312	657591	5130375	
313	657636	5130369	
314	657640	5130379	
315	657471	5130504	
316	657490	5130529	
317	657522	5130538	
318	657539	5130557	
319	657527	5130570	
320	657424	5130611	
321	657351	5130657	
322	657322	5130657	
323	657265	5130631	
324	657202	5130643	
325	657164	5130667	
326	657151	5130711	
327	657127	5130720	
328	657069	5130777	
329	657036	5130777	A point on the easterly 33 foot offset of the centerline of FR3356, thence northerly along said 33 foot offset, and along the following the coordinate pairs (to point 339):
330	657068	5130821	
331	657170	5130889	
332	657185	5130913	
333	657186	5130960	
334	657143	5131021	
335	657086	5131061	
336	657021	5131092	
337	657009	5131119	
338	657070	5131227	
339	657077	5131267	Leave the easterly 33 foot offset of the centerline of FR3356

340	657016	5131330	Cross FR3356 between points 339 and 340. Point 340 also being near the section line common to Sections 5 and 8, T45NR05W, thence along the following coordinate pairs in said Section 5:
341	656990	5131355	
342	656917	5131392	
343	656915	5131370	
344	656861	5131375	
345	656802	5131354	
346	656794	5131326	Near the section line common to Sections 5 and 8, T45NR05W, thence along the following coordinate pairs in said Section 8:
347	656801	5131277	
348	656723	5131253	
349	656691	5131206	
350	656677	5131215	
351	656661	5131178	
352	656569	5131167	
353	656523	5131189	
354	656470	5131258	
355	656437	5131256	
356	656422	5131310	
357	656428	5131320	Near the section line common to Sections 5 and 8, T45NR05W, thence along the following coordinate pairs in said Section 5:
358	656443	5131350	
359	656537	5131385	
360	656576	5131448	
361	656597	5131492	
362	656611	5131496	
363	656588	5131512	
364	656603	5131566	
365	656648	5131621	
366	656755	5131654	
367	656793	5131652	
368	656846	5131697	
369	656938	5131690	
370	656942	5131806	
371	656950	5131862	
372	656975	5131931	
373	656985	5132141	
374	657021	5132227	
375	657072	5132292	
376	657089	5132337	
377	657094	5132402	

378	657083	5132457	
379	657021	5132536	
380	657002	5132512	
381	656945	5132515	
382	656942	5132547	
383	656912	5132559	
384	656917	5132592	
385	656947	5132616	
386	657021	5132630	
387	657079	5132674	
388	657146	5132793	
389	657173	5132818	
390	657165	5132885	
391	657116	5132886	
392	657104	5132924	Near the section line common to Sections 5, T45NR05W and 32, T46NR05W, thence along the following coordinate pairs in said Section 32:
393	657069	5132940	
394	657031	5133034	
395	657039	5133106	
396	657079	5133169	
397	657068	5133228	
398	656948	5133323	A point on the south line of the NE1/4SW1/4 of Section 32, T46NR05W, thence westerly along said south line to:
399	656933	5133323	The C-E-SW 1/64 th corner of Section 32, T46NR05W, thence northerly along the west line of the E1/2NE1/4SW1/4 to:
400	656918	5133725	The C-E-W 1/64 th corner of Section 32, T46NR05W, thence northerly along the west line of the E1/2SE1/4NW1/4 to:
401	656902	5134126	The C-E-NW 1/64 th corner of Section 32, T46NR05W, thence northerly along the west line of the SE1/4NE1/4NW1/4 to:
402	656894	5134326	The NE-NW 1/64 th corner of Section 32, T46NR05W, thence westerly along the south line of the NW1/4NE1/4NW1/4 to:
403	656693	5134324	The C-N-NW 1/64 th corner of Section 32, T46NR05W, thence northerly along the west line of the NE1/4NW1/4 to:
404	656685	5134524	The W 1/16 th corner common to Sections 29 and 32, T46NR05W, also being near the centerline of M-28, thence westerly along the south line of said Section 29 to:
405	656284	5134519	The section corner common to Sections 29, 30, 31 and 32, T46NR05W, also being near the intersection of the centerlines of M-28 and FR3159 (Salt Point Road), thence northerly along the east line of said Section 30 to:
406	656270	5134919	The S 1/16 th corner common to Sections 29 and 30, T46NR05W, also being near the centerline of FR3159 (Salt Point Road), thence

			westerly along the south line of the NE1/4SE1/4 of said Section 30 to:
407	655868	5134912	The SE 1/16 th corner of Section 30, T46NR05W, thence northerly along the east line of the NW1/4SE1/4 of said Section 30 to:
408	655854	5135313	The C-E 1/16 th corner of Section 30, T46NR05W, thence westerly along the north line of the NW1/4SE1/4 of said Section 30 to:
409	655453	5135305	The C 1/4 corner of Section 30, T46NR05W, thence southerly along the west line of the NW1/4SE1/4 of said Section 30 to:
410	655454	5135272	A point on the west line of the NW1/4SE1/4 of Section 30, T46NR05W, thence along the following coordinate pairs in said Section 30:
411	655253	5135285	
412	655208	5135271	
413	655074	5135297	
414	655068	5135350	
415	655056	5135381	
416	655022	5135401	
417	654979	5135401	
418	654949	5135386	
419	654838	5135448	
420	654816	5135478	
421	654690	5135523	Near the section line common to Sections 25, T46NR06W and 30, T46NR05W, thence along the following coordinate pairs in said Section 25:
422	654653	5135545	
423	654598	5135663	
424	654560	5135670	
425	654500	5135640	
426	654457	5135678	
427	654431	5135682	
428	654400	5135662	
429	654346	5135693	
430	654201	5135670	
431	654131	5135693	
432	654099	5135731	
433	654064	5135738	
434	653934	5135706	
435	653880	5135719	
436	653829	5135722	
437	653832	5135748	
438	653813	5135749	
439	653677	5135723	
440	653664	5135736	

441	653529	5135735	
442	653350	5135721	
443	653301	5135708	
444	653237	5135790	
445	653222	5135847	
446	653226	5135927	
447	653199	5135953	
448	653084	5135931	Near the section line common to Sections 25 and 26, T46NR06W, thence along the following coordinate pairs in said Section 26:
449	653043	5135930	
450	652975	5135950	
451	652923	5135935	
452	652901	5135953	
453	652696	5136031	
454	652717	5136058	Near the section line common to Sections 23 and 26, T46NR06W, thence along the following coordinate pairs in said Section 23:
455	652728	5136105	
456	652707	5136137	
457	652675	5136159	
458	652637	5136158	
459	652621	5136114	
460	652618	5136074	
461	652555	5136056	
462	652501	5136071	
463	652458	5136156	
464	652469	5136234	
465	652542	5136243	
466	652558	5136320	
467	652551	5136374	
468	652615	5136359	
469	652673	5136369	
470	652670	5136423	
471	652620	5136480	
472	652624	5136527	Cross FR3423 and an old railroad grade between points 471 and 472. Point 472 also being on the northerly 50 foot offset of the centerline of said old railroad grade, thence westerly along said 50 foot offset, and along the following the coordinate pairs (to point 476):
473	652438	5136527	
474	652262	5136521	
475	651861	5136512	
476	651460	5136504	Leave the northerly 50 foot offset of the old railroad grade. Point 476 also being on the section line common to Sections 22 and 23,

			T46NR06W, thence northerly along the east line of said Section 22 to:
477	651450	5136832	The 1/4 corner common to Sections 22 and 23, T46NR06W, thence westerly along the south line of the NE1/4 of said Section 22 to:
478	650634	5136810	The C 1/4 corner of Section 22, T46NR06W, thence westerly along the south line of the SE1/4NW1/4 of said Section 22 to:
479	650227	5136799	The C-W 1/16 th corner of Section 22, T46NR06W, thence northerly along the east line of the SW1/4NW1/4 of said Section 22 to:
480	650220	5136999	The C-S-NW 1/64 th corner of Section 22, T46NR06W, thence westerly along the north line of the S1/2SW1/4NW1/4 of said Section 22 to:
481	649812	5136988	The S-N 1/64 th corner common to Sections 21 and 22, T46NR06W, thence westerly along the north line of the S1/2SE1/4NE1/4 of said Section 21 to:
482	649409	5136980	The C-S-NE 1/64 th corner of Section 21, T46NR06W, thence westerly along the north line of the SE1/4SW1/4NE1/4 of said Section 21 to:
483	649208	5136977	The SW-NE 1/64 th corner of Section 21, T46NR06W, thence southerly along the west line of the SE1/4SW1/4NE1/4 of said Section 21 to:
484	649216	5136773	The C-W-E 1/64 th corner of Section 21, T46NR06W, thence westerly along the south line of the SW1/4NE1/4 of said Section 21 to:
485	649014	5136769	The C 1/4 corner of Section 21, T46NR06W, thence westerly along the south line of the NW1/4 of said Section 21 to:
486	648208	5136750	The 1/4 corner common to Sections 20 and 21, T46NR06W, thence southerly along the east line of said Section 20 to:
487	648216	5136549	The N-S 1/64 corner common the Sections 20 and 21, T46NR06W, thence westerly along the north line of the S1/2NE1/4SE1/4 of said Section 20 to:
488	647817	5136541	The C-N-SE 1/64 th corner of Section 20, T46NR06W, thence westerly along the north line of the S1/2NW1/4SE1/4 of said Section 20 to:
489	647418	5136533	The C-N-S 1/64 th corner of Section 20, T46NR06W, thence southerly along the west line of the W1/2SE1/4 of said Section 20 to:
490	647442	5135931	The 1/4 corner common to Sections 20 and 29, T46NR06W, thence westerly along the north line of said Section 29 to:
491	646645	5135914	The section corner common to Sections 19, 20, 29 and 30, T46NR06W, thence southerly along the east line of said Section 30 to:
492	646650	5135713	The N-N 1/64 th corner common to Sections 29 and 30, T46NR06W, thence westerly along the north line of the S1/2NE1/4NE1/4 of said Section 30 to:
493	646250	5135712	The C-N-NE 1/64 th corner of Section 30, T46NR06W, thence westerly along the north line of the S1/2NW1/4NE1/4 of said Section 30 to:
494	645850	5135711	Cross Grants Creek between points 493 and 494. Point 494 also being the C-N-N 1/64 th corner of Section 30, T46NR06W, thence westerly along the north line of the S1/2NE1/4NW1/4 of said Section 30 to:

495	645450	5135709	The C-N-NW 1/64 th corner of Section 30, T46NR06W, thence northerly along the west line of the NE1/4NW1/4 of said Section 30 to:
496	645444	5135910	The W 1/16 th corner common to Sections 19 and 30, T46NR06W, thence westerly along the south line of said Section 19 to:
497	645099	5135909	The section corner common to Sections 19 and 30, T46NR06W and 24 and 25, T46NR07W, thence northerly along the west line of said Section 19 to:
498	645068	5136710	The 1/4 corner common to Sections 19, T46NR06W and 24, T46NR07W, thence northerly along the west line of said Section 19 to a point on the west line of said Section 19, being Point 1 and the POINT OF BEGINNING.

Containing 2,985 acres, more or less.

Prepared by:

/s/ Jordan M. Ketola

Jordan M. Ketola P.S. 62011

March 24, 2022

Forest Land Surveyor, Hiawatha & Ottawa National Forests

