



3.3.1.2 Glass Artifacts

A total of 29 glass artifacts were recovered from Location 3 (BbHe-2) including 19 pieces of bottle glass, six pieces of opaque white glass, three pieces of clear glass dish and one piece of melted undetermined glass. The colours of bottle glass include 12 clear, five aqua and two green. Bottle glass colours are very limited with regards to providing a temporal date to a site (Lindsey 2011).

3.3.1.3 Faunal Remains

Five faunal remains were recovered from Location 3 (BbHe-2), all mammalian bone fragments. One of the fragments exhibits butcher cut marks and one is calcined, indicating it was subject to a high degree of heat for a prolonged period of time.

3.3.2 Structural Artifacts

Thirteen structural artifacts were recovered from Location 3 (BbHe-2) including five wire drawn nails, four pieces of window glass, three machine cut nails and one piece of red brick. All of the pieces of window glass measured greater than 1.6 millimetres in thickness. Ian Kenyon (1980) provides a pre-1850 date for window panes that have an average thickness of less than 1.6 millimetres. Window pane thickness increased throughout the 19th century as the trend shifted towards using larger windows when building homes. Cut nails were machine cut and have a flat head (Plate 28:14). They were in use as early as 1790, but did not become common in Ontario until 1830. Wire drawn nails are identical to the type of nails in current use today, with a flat, round head and a wire shaft (Plate 28:15). Wire drawn nails became popular in the 1890s.

3.3.3 Personal Artifacts

Four personal artifacts were recovered from Location 3 (BbHe-2) including two white clay pipe stem fragments and two white clay pipe bowl fragments (Plate 28:12-13). White clay pipes were very popular throughout the 19th century, with a decline in use by 1880 when they were replaced by briar pipes and cigarettes (Adams 1994). The two stem fragments and one of the bowl fragments are plain of any decorative motifs or marking, while the other bowl fragment is decorated with a moulded anchor.

3.3.4 Artifact Catalogue

Table 15 provides the Stage 2 artifact catalogue for Location 3 (BbHe-2).

Table 16: Location 3 (BbHe-2) Stage 2 Artifact Catalogue

Cat. #	Date	Context	Artifact	Freq.	Comments
1	Sept 6 2012	surface 1	fence insulator	1	
2	Sept 6 2012	surface 2	ironstone, plain	1	handle
3	Sept 6 2012	surface 3	ironstone, plain	1	
4	Sept 6 2012	surface 4	glass, white	1	



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Cat. #	Date	Context	Artifact	Freq.	Comments
5	Sept 6 2012	surface 5	ironstone, plain	1	
6	Sept 6 2012	surface 6	ironstone, plain	1	
7	Sept 6 2012	surface 7	stoneware	1	
8	Sept 6 2012	surface 8	ironstone, plain	1	
9	Sept 6 2012	surface 9	glass, undetermined	1	
10	Sept 6 2012	surface 10	ironstone, moulded	1	handle
11	Sept 6 2012	surface 11	ironstone, plain	1	
12	Sept 6 2012	surface 12	glass, bottle	1	aqua finish, seam ends 1/2 way up neck
13	Sept 6 2012	surface 13	earthenware, red	1	
14	Sept 6 2012	surface 14	ironstone, plain	1	partial marker's mark, 'TSON BROs' 'GLAND'
15	Sept 6 2012	surface 15	glass, dish	1	clear, cut glass
16	Sept 6 2012	surface 16	brick	1	red
17	Sept 6 2012	surface 17	whiteware, transfer print	1	blue
18	Sept 6 2012	surface 18	ironstone, plain	1	
19	Sept 6 2012	surface 19	ironstone, plain	1	
20	Sept 6 2012	surface 20	ironstone, plain	1	
21	Sept 6 2012	surface 21	ironstone, plain	1	
22	Sept 6 2012	surface 22	ironstone, plain	1	
23	Sept 6 2012	surface 23	glass, dish	1	clear
24	Sept 6 2012	surface 24	ironstone, plain	1	
25	Sept 6 2012	surface 25	ironstone, moulded	1	handle
26	Sept 6 2012	surface 26	ironstone, plain	1	
27	Sept 6 2012	surface 27	ironstone, plain	1	
28	Sept 6 2012	surface 28	glass, dish	1	clear, cut glass
29	Sept 6 2012	surface 29	ironstone, plain	1	
30	Sept 6 2012	surface 30	ironstone, moulded	1	wheat pattern
31	Sept 6 2012	surface 31	whiteware, plain	1	
32	Sept 6 2012	surface 32	ironstone, plain	1	
33	Sept 6 2012	surface 33	porcelain, semi	1	
34	Sept 6 2012	surface 34	ironstone, plain	1	chamber pot fragment
35	Sept 6 2012	surface 35	ironstone, plain	1	chamber pot fragment
36	Sept 6 2012	surface 36	graphite rod	1	
37	Sept 6 2012	surface 37	porcelain, semi	1	
38	Sept 6 2012	surface 38	faunal	1	mammalian, butcher marks



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Cat. #	Date	Context	Artifact	Freq.	Comments
39	Sept 6 2012	surface 39	ironstone, plain	1	
40	Sept 6 2012	surface 40	ironstone, plain	1	
41	Sept 6 2012	surface 41	earthenware, red	1	
42	Sept 6 2012	surface 42	vice grips	1	
43	Sept 6 2012	surface 43	ironstone, plain	1	
44	Sept 6 2012	surface 44	stoneware	1	
45	Sept 6 2012	surface 45	whiteware, sponged	1	blue
46	Sept 6 2012	surface 46	white clay pipe stem	1	plain
47	Sept 6 2012	surface 47	white clay pipe bowl	1	moulded anchor
48	Sept 6 2012	surface 48	ironstone, edged	1	blue, straight rim
49	Sept 6 2012	surface 49	whiteware, transfer print	1	blue
50	Sept 6 2012	surface 50	whiteware, sponged	1	blue
51	Sept 6 2012	surface 51	ironstone, plain	1	
52	Sept 6 2012	surface 52	ironstone, painted	1	black
53	Sept 6 2012	surface 53	whiteware, painted	1	red, green
54	Sept 6 2012	surface 54	ironstone, transfer print	1	blue
55	Sept 6 2012	surface 55	whiteware, painted	1	red
56	Sept 6 2012	surface 56	ironstone, moulded	1	
57	Sept 6 2012	surface 57	earthenware, red	1	top of jug
58	Sept 6 2012	surface 58	ironstone, moulded	1	
59	Sept 6 2012	surface 59	porcelain, semi	1	orange transfer print
60	Sept 6 2012	surface 60	white clay pipe stem	1	plain
61	Sept 6 2012	surface 61	faunal	1	mammalian, calcined
62	Sept 6 2012	surface 62	porcelain, semi	1	
63	Sept 6 2012	surface 63	whiteware, stamped	1	purple
64	Sept 6 2012	surface 64	ironstone, transfer print	1	red
65	Sept 6 2012	surface 65	whiteware, sponged	1	blue
66	Sept 6 2012	surface 66	whiteware, plain	1	
67	Sept 6 2012	surface 67	whiteware, painted	1	blue
68	Sept 6 2012	surface 68	ironstone, banded	1	green
69	Sept 6 2012	surface 69	whiteware, plain	1	
70	Sept 6 2012	surface 70	stoneware	1	fragment of inkwell
71	Sept 6 2012	surface 71	ironstone, painted	1	green, black
72	Sept 6 2012	surface 72	nail, cut	1	
73	Sept 6 2012	surface 73	nail, wire drawn	1	



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Cat. #	Date	Context	Artifact	Freq.	Comments
74	Sept 6 2012	surface 74	ironstone, moulded	1	
75	Sept 6 2012	surface 75	nail, wire drawn	1	
76	Sept 6 2012	surface 76	nail, wire drawn	1	
77	Sept 6 2012	surface 77	nail, cut	1	
78	Sept 6 2012	surface 78	porcelain, semi	1	moulded
79	Sept 6 2012	surface 79	glass, window	1	>1.6mm
80	Sept 6 2012	surface 80	nail, wire drawn	1	
81	Sept 6 2012	surface	earthenware, red	9	
82	Sept 6 2012	surface	metal, misc.	4	
83	Sept 6 2012	surface	faunal	3	mammalian
84	Sept 6 2012	surface	nail, cut	1	
85	Sept 6 2012	surface	nail, wire drawn	1	
86	Sept 6 2012	surface	metal, misc. hardware	1	large bolt
87	Sept 6 2012	surface	stoneware	1	
88	Sept 6 2012	surface	yellowware	2	
89	Sept 6 2012	surface	white clay pipe bowl	1	plain
90	Sept 6 2012	surface	fence insulator	1	
91	Sept 6 2012	surface	glass, white	5	
92	Sept 6 2012	surface	glass, window	3	>1.3mm
93	Sept 6 2012	surface	glass, bottle	18	12 clear, 4 aqua, 2 green
94	Sept 6 2012	surface	ironstone, plain	45	
95	Sept 6 2012	surface	ironstone, moulded	4	
96	Sept 6 2012	surface	porcelain, semi	6	3 plain, 2 transfer print, 1 moulded
97	Sept 6 2012	surface	ironstone, painted	3	blue, red, green
98	Sept 6 2012	surface	ironstone, edged	1	blue, fragmentary
99	Sept 6 2012	surface	ironstone, transfer print	1	blue
100	Sept 6 2012	surface	whiteware, plain	1	
101	Sept 6 2012	surface	whiteware, transfer print	2	blue
102	Sept 6 2012	surface	ironstone, transfer print	1	red
103	Sept 6 2012	surface	whiteware, painted	3	red, green, blue
104	Sept 6 2012	surface	whiteware, sponged	1	blue
105	Sept 6 2012	surface	whiteware, banded	1	brown, blue with dendritic pattern



4.0 ANALYSIS AND CONCLUSIONS

The Stage 2 assessment of the East Durham Wind Energy Project resulted in the identification of three historic Euro-Canadian archaeological sites. Analyses of each location are provided below, providing a determination of whether further assessment is recommended for each site. At the end of this section a preliminary indication is provided of whether any of these sites may require Stage 4 archaeological assessment.

4.1 Location 1 (BbHd-3)

The Stage 2 assessment of Location 1 (BbHd-3) resulted in the recovery of a scatter of mid-to-late 19th century historic Euro-Canadian artifacts. Ironstone ceramics comprised 76.1% of the entire ceramic assemblage (n=54). Ironstone or graniteware is a variety of refined white earthenware introduced in the 1840s that became extremely popular in Upper Canada by the 1860s (Kenyon 1985). In addition to the ironstone ceramics, mid-19th century whiteware ceramics accounted for 12.7% (n=9) of the recovered ceramic assemblage.

Spatially Location 1 (BbHd-3) is located on Lot 45, Concession 1 SDR, Geographic Township of Glenelg, Grey County, Ontario. No one is listed as owning this lot on the 1880 *Grey County Supplement to the Illustrated Atlas of the Dominion of Canada* (Belden and Company 1880) (Figure 2); however as discussed previously, only subscribers to the historical atlas had their names included on the maps. The presence of more than 20 artifacts dating the period of use prior to 1900 lends cultural heritage value or interest to the site; these artifacts include the previously discussed ironstone and whiteware ceramics. Based on this consideration, the artifacts identified fulfill the criteria for a Stage 3 archaeological investigation as per Section 2.2 Standard 1c of the *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011b), to further evaluate its cultural heritage value or interest. The site has been registered with the MTCS and has been assigned Borden number BbHd-3.

4.2 Location 2 (BbHd-4)

The Stage 2 assessment of Location 2 (BbHd-4) resulted in the recovery of a scatter of mid-to-late 19th century historic Euro-Canadian artifacts. Ironstone ceramics comprised 80.6% of the entire ceramic assemblage (n=54). Ironstone or graniteware is a variety of refined white earthenware introduced in the 1840s that became extremely popular in Upper Canada by the 1860s (Kenyon 1985).

Spatially Location 2 (BbHd-4) is located on Lot 48, Concession 2 SDR, Geographic Township of Glenelg, Grey County, Ontario. No one is listed as owning this lot on the 1880 *Grey County Supplement to the Illustrated Atlas of the Dominion of Canada* (Belden and Company 1880) (Figure 2); however as discussed previously, only subscribers to the historical atlas had their names included on the maps. The presence of more than 20 artifacts dating the period of use prior to 1900 lends cultural heritage value or interest to the site; these artifacts include the previously discussed ironstone ceramics. Based on this consideration, the artifacts identified fulfill the criteria for a Stage 3 archaeological investigation as per Section 2.2 Standard 1c of the *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011b), to further evaluate its cultural heritage value or interest. The site has been registered with the MTCS and has been assigned Borden number BbHd-4.