



## STAGE 2 ARCHAEOLOGICAL ASSESSMENT - EAST DURHAM WIND ENERGY PROJECT

### 3.2.5 Artifact Catalogue

Table 11 provides the Stage 2 artifact catalogue for Location 2 (BbHd-4).

**Table 12: Location 2 (BbHd-4) Stage 2 Artifact Catalogue**

Cat. #	Date	Context	Artifact	Freq.	Comments
1	Aug 20 2012	surface	metal, misc.	1	threaded and tapered
2	Aug 20 2012	surface	nail, cut	2	
3	Aug 20 2012	surface	button	1	agate, white, 4 holes
4	Aug 20 2012	surface	glass, window	4	>1.6mm
5	Aug 20 2012	surface	glass, bottle	3	2 aqua, 1 clear
6	Aug 20 2012	surface	glass, undetermined	1	melted
7	Aug 20 2012	surface	earthenware, yellow	2	
8	Aug 20 2012	surface	earthenware, red	2	
9	Aug 20 2012	surface	porcelain, semi	1	
10	Aug 20 2012	surface	ironstone, moulded	4	
11	Aug 20 2012	surface	ironstone, plain	10	
12	Aug 20 2012	surface	ironstone, transfer print	2	blue
13	Aug 20 2012	surface	porcelain, semi	2	
14	Aug 20 2012	surface	whiteware, edged	1	blue, straight rim
15	Aug 20 2012	surface	ironstone, stamped	2	purple
16	Aug 20 2012	surface	ironstone, flow transfer print	1	blue
17	Aug 20 2012	surface	ironstone, edged	1	blue, straight rim
18	Aug 20 2012	surface	ironstone, plain	1	
19	Aug 20 2012	surface 30	glass, dish	1	purple, cut glass
20	Aug 20 2012	surface 27	nail, cut	1	
21	Aug 20 2012	surface 28	ironstone, plain	1	
22	Aug 20 2012	surface 29	porcelain, semi	1	moulded
23	Aug 20 2012	surface 25	ironstone, plain	1	J. CLEMENTSON
24	Aug 20 2012	surface 8	ironstone, plain	1	handle
25	Aug 20 2012	surface 36	glass, chimney lamp	1	machine rim
26	Aug 20 2012	surface 1	ironstone, transfer print	1	brown
27	Aug 20 2012	surface 2	ironstone, moulded	1	ridges
28	Aug 20 2012	surface 3	ironstone, moulded	1	
29	Aug 20 2012	surface 4	ironstone, plain	1	
30	Aug 20 2012	surface 5	nail, cut	1	
31	Aug 20 2012	surface 6	whiteware, plain	1	
32	Aug 20 2012	surface 7	ironstone, plain	1	



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Cat. #	Date	Context	Artifact	Freq.	Comments
33	Aug 20 2012	surface 9	glass, bottle	1	purple
34	Aug 20 2012	surface 10	glass, window	1	>1.6mm
35	Aug 20 2012	surface 11	glass, bottle	1	clear, modern
36	Aug 20 2012	surface 12	nail, wire drawn	1	
37	Aug 20 2012	surface 13	metal, misc. hardware	1	twisted and welded wire
38	Aug 20 2012	surface 14	glass, bottle	1	aqua
39	Aug 20 2012	surface 15	ironstone, plain	1	
40	Aug 20 2012	surface 16	nail, cut	1	
41	Aug 20 2012	surface 17	ironstone, plain	1	
42	Aug 20 2012	surface 18	ironstone, transfer print	1	blue
43	Aug 20 2012	surface 19	ironstone, stamped	1	pink, geometric
44	Aug 20 2012	surface 20	brick	1	red
45	Aug 20 2012	surface 21	ironstone, edged	1	blue, straight rim
46	Aug 20 2012	surface 22	ironstone, transfer print	1	blue
47	Aug 20 2012	surface 23	ironstone, plain	1	
48	Aug 20 2012	surface 24	ironstone, moulded	1	
49	Aug 20 2012	surface 26	ironstone, moulded	1	
50	Aug 20 2012	surface 31	ironstone, moulded	1	
51	Aug 20 2012	surface 32	ironstone, plain	1	
52	Aug 20 2012	surface 34	ironstone, stamped	1	blue
53	Aug 20 2012	surface 35	ironstone, transfer print	1	blue
54	Aug 20 2012	surface 37	whiteware, banded	1	blue, brown, yellow
55	Aug 20 2012	surface 38	ironstone, moulded	1	
56	Aug 20 2012	surface 39	ironstone, plain	1	maker's mark
57	Aug 20 2012	surface 40	ironstone, plain	1	maker's mark
58	Aug 20 2012	surface 41	ironstone, sponged	1	blue
59	Aug 20 2012	surface 42	ironstone, plain	1	
60	Aug 20 2012	surface 43	ironstone, moulded	1	
61	Aug 20 2012	surface 44	ironstone, transfer print	1	blue
62	Aug 20 2012	surface 45	ironstone, edged	1	blue, straight rim
63	Aug 20 2012	surface 46	ironstone, edged	1	
64	Aug 20 2012	surface 47	ironstone, plain	1	
65	Aug 20 2012	surface 48	ironstone, sponged	1	blue
66	Aug 20 2012	surface 49	yellowware, banded	1	brown, dendritic pattern
67	Aug 20 2012	surface 50	yellowware, plain	1	



Cat. #	Date	Context	Artifact	Freq.	Comments
68	Aug 20 2012	surface 51	button	1	agate, broken
69	Aug 20 2012	surface 33	ironstone, edged	1	blue

### 3.3 Location 3 (BbHe-2)

The Stage 2 pedestrian survey of the proposed wind energy components on property EDU1008, north of Grey Road 4 and east of Grey Road 23 resulted in the identification of Location 3 (BbHe-2). Approximately 500 Euro-Canadian historic artifacts were identified on the surface in an approximate 80 metre (along the north-south axis) by 100 metre (along the west-east axis) area in close proximity to a stone foundation and a wood barn. The boundaries of the surface scatter to the north and east were identified within the surveyed area; along the western and southern margins of the surface scatter is a pasture that was not a part of the construction disturbance area and was therefore not subject to Stage 2 survey; it is expected the surface scatter extends into this area. Within the surveyed area all diagnostic artifacts were collected and had their locations recorded with a GPS (n=80); an additional 119 non-diagnostic artifacts were also retained to increase the artifact sample. The remaining surface artifacts were left in the field to assist with re-locating the site if necessary. In total 199 artifacts were retained for laboratory analysis including 173 domestic, 13 structural, six pieces of metal, four personal artifacts and three miscellaneous artifacts. Each artifact class will be discussed separately below. Table 12 provides a summary of the artifacts recovered during the Stage 2 archaeological assessment. The artifact catalogue for Location 3 (BbHe-2) is presented following the discussion on recovered artifacts. For historic Euro-Canadian artifacts, Appendix A provides a more comprehensive discussion of temporally diagnostic Euro-Canadian material culture to supplement the results below.

**Table 13: Location 3 (BbHe-2) Stage 2 Artifact Summary**

Artifact	Freq.	%
Domestic	173	86.9
Structural	13	6.5
Metal	6	3.0
Personal	4	2.0
Miscellaneous	3	1.5
<b>Total Stage 2 Artifacts</b>	<b>199</b>	<b>100.0</b>

#### 3.3.1 Domestic Artifacts

A total of 173 domestic related artifacts were recovered during the Stage 2 assessment of Location 3 (BbHe-2) including 139 pieces of ceramics, 29 glass artifacts and five faunal remains.

##### 3.3.1.1 Ceramic Artifacts

A total of 139 pieces of hollowwares and flatwares were recovered during the Stage 2 assessment of Location 3 (BbHe-2). This total includes 90 pieces of ironstone, 20 pieces of whiteware, 16 utilitarian fragments, 11 pieces



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of porcelain and two pieces of yellowware. Table 13 provides a breakdown of the ceramic assemblage by ware type and Table 14 provides a breakdown by decorative type.

**Table 14: Location 3 (BbHe-2) Stage 2 Ceramic Assemblage by Ware Type**

Artifact	Freq.	%
Ironstone	90	64.7
Whiteware	20	14.4
Utilitarian	16	11.5
Porcelain	11	7.9
Yellowware	2	1.4
<b>Total Stage 2 Ceramics</b>	<b>139</b>	<b>100.0</b>

### Ironstone

A total of 90 pieces of ironstone were recovered during the Stage 2 assessment of Location 3 (BbHe-2). 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). It is usually much thicker than other whiteware, and often decorated with raised moulded designs of wheat or fruit.

In total, 68 of the recovered ironstone pieces were plain of any decorative motifs. In addition to the plain pieces, 10 pieces of moulded ironstone, five pieces of painted ironstone, four pieces of transfer printed ironstone, two pieces of edged ironstone and one piece of banded ironstone were also recovered (Plate 28:1-4).

**Table 15: Location 3 (BbHe-2) Stage 2 Ceramic Assemblage by Decorative Type**

Artifact	Freq.	%
Ironstone, plain	68	48.9
Earthenware, red	12	8.6
Porcelain, semi	11	7.9
Ironstone, moulded	10	7.2
Whiteware, painted	6	4.3
Ironstone, painted	5	3.6
Stoneware	4	2.9
Whiteware, transfer print	4	2.9
Whiteware, plain	4	2.9
Whiteware, sponged	4	2.9
Ironstone, transfer print	4	2.9
Ironstone, edged	2	1.4
Yellowware	2	1.4
Whiteware, stamped	1	0.7
Ironstone, banded	1	0.7



<b>Artifact</b>	<b>Freq.</b>	<b>%</b>
Whiteware, banded	1	0.7
<b>Total Stage 2 Ceramics</b>	<b>139</b>	<b>100.0</b>

### **Whiteware**

A total of 20 pieces of whiteware were recovered from Location 3 (BbHe-2). Whiteware is a variety of earthenware with a near colourless glaze that replaced earlier near white ceramics such as pearlware and creamware in the late 1820's and early 1830's, however the initial manufacture date of what archaeologists call "whiteware" is not known. Early whiteware tends to have a porous paste, with more vitrified, harder, ceramics becoming increasingly common later in the 19<sup>th</sup> century.

In total, four of the recovered whiteware pieces were plain of any decorative motifs. In addition to the plain pieces six pieces of painted whiteware, four pieces of transfer printed whiteware, four pieces of sponged whiteware, one piece of stamped whiteware and one piece of banded whiteware were also recovered (Plate 28:5-9).

### **Utilitarian Earthenware**

Twelve pieces of red earthenware and four pieces of stoneware were recovered during the Stage 2 assessment of Location 3 (BbHe-2). Red and yellow earthenware vessels were manufactured throughout the late 18<sup>th</sup> and 19<sup>th</sup> centuries and were the most common utilitarian ware in the first half of the 19<sup>th</sup> century, eventually being replaced by more durable stoneware vessels.

### **Semi-Porcelain**

Porcelain is a type of earthenware fired at such a high temperature that the clay has begun to vitrify; consequently the ceramic is translucent when held up to a light. Because of its high cost, porcelain is rare on 19<sup>th</sup> century sites in Ontario, however by the turn of the century it becomes relatively common, as production techniques were developed in Europe which greatly reduced costs. Semi-porcelain is fired at a slightly lower temperature than porcelain (1,200 degrees Celsius compared to above 1,300 degrees Celsius), making it less translucent than porcelain. Semi-porcelain dishes are heavier and thicker than porcelain dishes. Eleven pieces of semi-porcelain were recovered from Location 3 (BbHe-2) (Plate 28:11).

### **Yellowware**

One pieces of plain yellowware were recovered from Location 3 (BbHe-2) (Plate 28:10). Yellowware ceramics were first manufactured in the 1840s, and continue to be manufactured in limited quantities today.