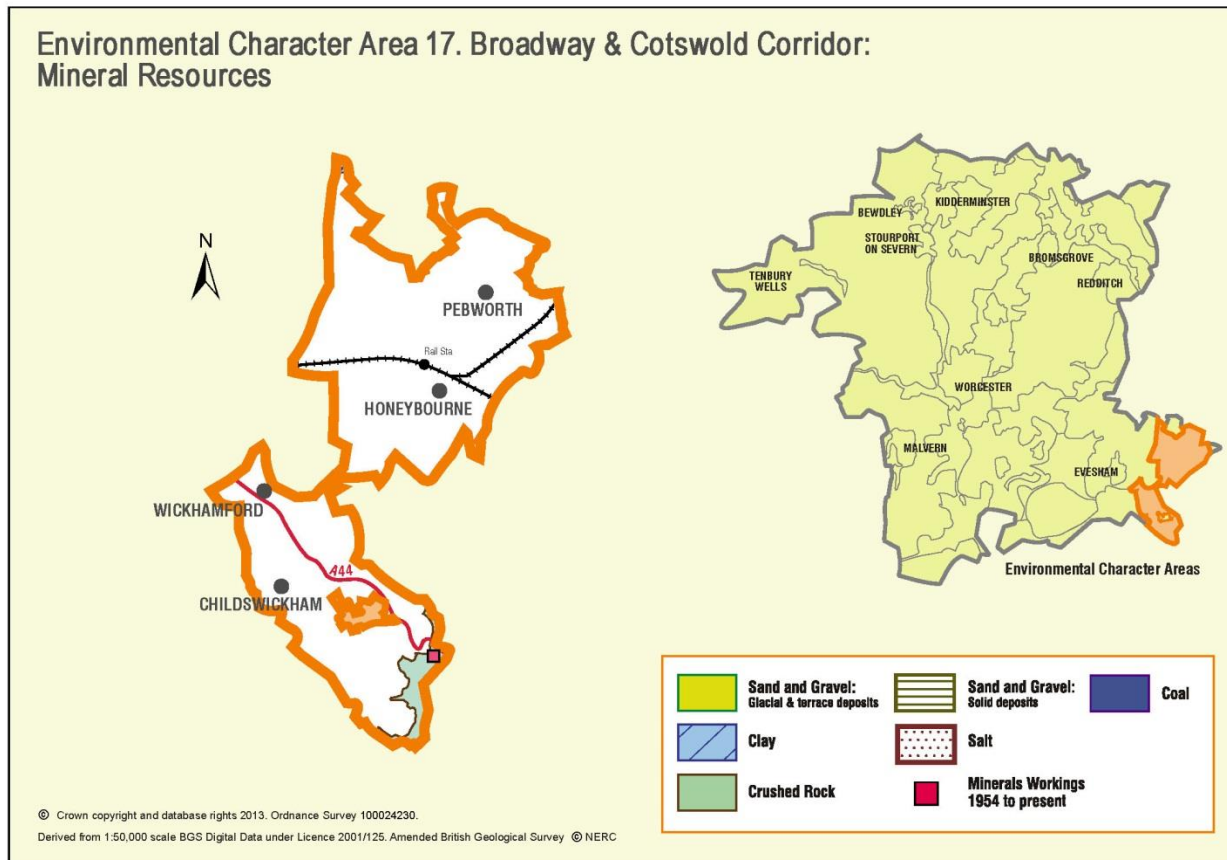


## Appendix 17: Analysis of aggregate resources in ECA17: Broadway and Cotswold Corridor



### ECA Summary for the Third Stage consultation on MLP (Spring 2015):

#### Sand and gravel

There are no resource areas identified in Broadway and Cotswold Corridor ECA for sand and gravel.

#### Crushed rock

There is one resource area identified in Broadway and Cotswold Corridor ECA for crushed rock:

- Key: 1

#### Non-aggregates

BGS data indicates that there are no non-aggregate mineral deposits in Broadway and Cotswold Corridor ECA.

## Overview of resource assessment for ECA 17

### Crushed rock resource areas:

Resource number*	Second Stage Consultation		Third Stage Consultation	
	Original estimated resource tonnage (2.7 tonnes/m <sup>3</sup> )	Significance	Revised estimate of resource tonnage (2.45 tonnes/m <sup>3</sup> )	Significance
17/1	72,090,000	Key	65,415,000	Key

<b>Overview</b>		
<b>Resource number:</b>	17/1	
<b>Resource name:</b>	Broadway	
<b>Resource area:</b>	178 ha	
<b>Resource depth:</b>	Estimated 30m	
<b>Location</b>		
<b>OS sheet reference:</b>	SP 13 NW, SP 13 SW	
<b>National grid ref:</b>	411175, 235826	
<b>Resource description:</b>		
<b>Resource description:</b>	Birdlip limestone formation, Aston limestone formation, and Salperton limestone formation of the Inferior Oolite group (crushed rock). This deposit has been worked at Fish Hill Quarry (the Birdlip and Aston limestone formations). The Smiths (2000) application stated the site would be worked to a depth of 30m. (Estimated resource depth based on application depth of 30m)	
<b>Assessment of resource for the second consultation on MLP (Autumn 2013)</b>		
<b>Commentary:</b>	A medium-sized deposit with small-scale dispersed development across the resource area. This deposit has been worked at Fish Hill Quarry, this is not included as part of the resource area.	
<b>Crude estimate of resource:</b>	Area: 178 ha x average depth: 30 m ÷ 2 Estimated resource volume: 26,700,000 m <sup>3</sup> <b>Estimated resource tonnage (at 2.7 t/m<sup>3</sup>): 72,090,000</b>	
<b>Conclusion:</b>	Significant – key resource. Use to define areas of search.	
<b>Assessment of resource for the Third Stage consultation on MLP (Spring 2015)</b>		
<b>Revised estimate of resource:</b>	Area: 178 ha x average depth: 30 m ÷ 2 Estimated resource volume: 26,700,000 m <sup>3</sup> <b>Estimated resource tonnage (at 2.45 t/m<sup>3</sup>): 65,415,000 tonnes</b>	
<b>Conclusion:</b>	Significant – key resource.	