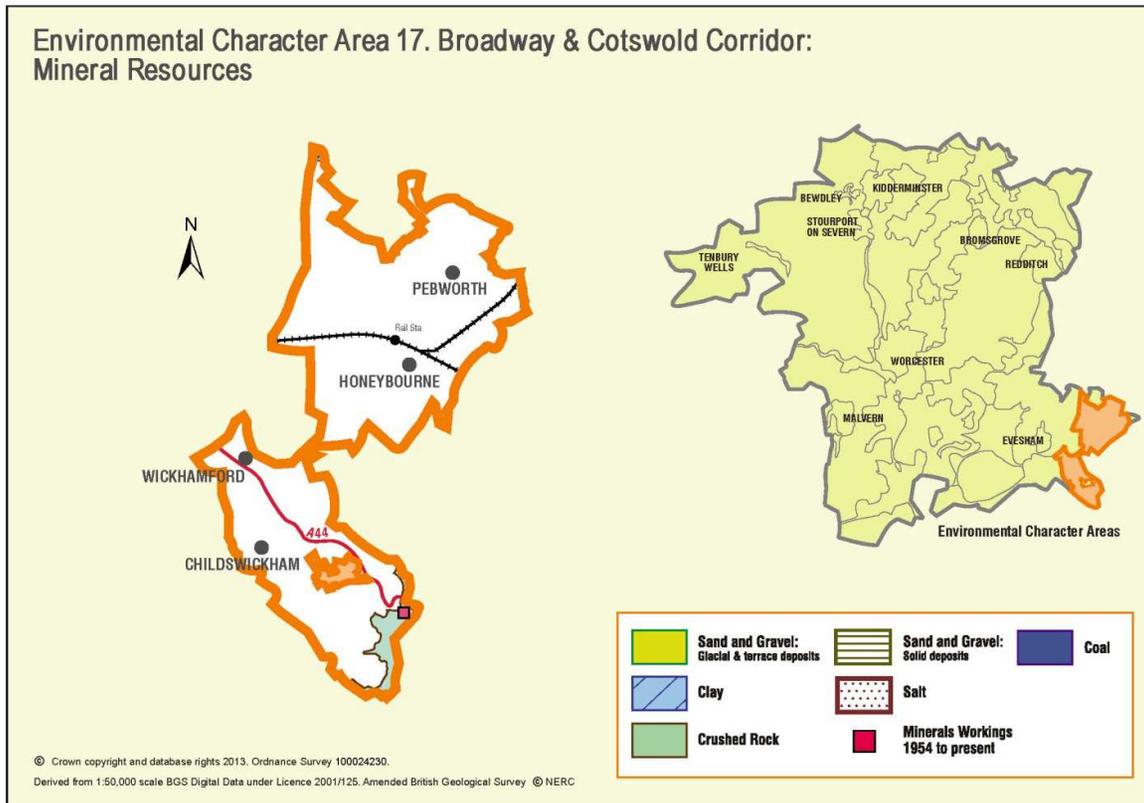


Appendix 17: Analysis of aggregate resources in ECA17: Broadway and Cotswold Corridor



ECA Summary for the Fourth Stage consultation on MLP (Winter 2018):

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:

- Compromised: 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		Fourth Stage Consultation		
	Original estimated resource tonnage (2.7 tonnes/m ³)	Significance	Revised estimate of resource tonnage (2.45 tonnes/m ³)	Significance	New resource number (where resource has been split)	Revised estimate of resource tonnage (2.45 tonnes/m ³)	Result
17/1	72,090,000	Key	65,415,000	Key			Compromised

Overview		
Resource number:	17/1	
Resource name:	Broadway	
Resource area:	178 ha	
Resource depth:	Estimated 30m	
Location		
OS sheet reference:	SP 13 NW, SP 13 SW	
National grid ref:	411175, 235826	
Resource description:		
Resource description:	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)	
Assessment of resource for the second consultation on MLP (Autumn 2013)		
Commentary:	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.	
Crude estimate of resource:	Area: 178 ha x average depth: 30 m ÷ 2 Estimated resource volume: 26,700,000 m ³ Estimated resource tonnage (at 2.7 t/m³): 72,090,000	
Conclusion:	Significant – key resource. Use to define areas of search.	
Assessment of resource for the Third Stage consultation on MLP (Spring 2015)		
Revised estimate of resource:	Area: 178 ha x average depth: 30 m ÷ 2 Estimated resource volume: 26,700,000 m ³ Estimated resource tonnage (at 2.45 t/m³): 65,415,000 tonnes	
Conclusion:	Significant – key resource.	
Assessment of resource for the Fourth Stage consultation on MLP (August 2018)		

Commentary

Screened out due to the following appendix A criterion:
- Area of Outstanding Natural Beauty

Conclusion:

Compromised