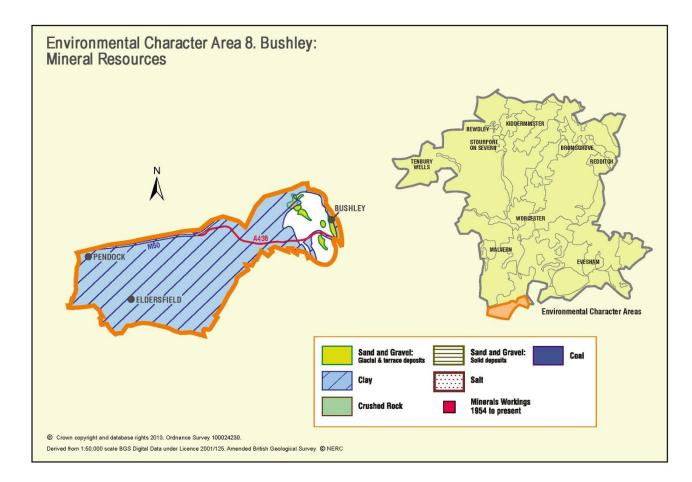
Appendix 8: Analysis of aggregate resources in ECA 8: Bushley



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

Sand and gravel

There are 2 resource areas identified for sand and gravel in Bushley ECA:

- Key: 1
- Significant: 1

Crushed rock

There are no resource areas identified in Bushley ECA for crushed rock.

Non-aggregates

BGS data indicates that there are deposits of clay in this ECA.

Overview of resource assessment for ECA 8

Sand and gravel resource areas:

Resource	Second Stage Consultation		Third Stage Consultation	
number*	Original estimated resource	Significance	Revised estimate of resource	Significance
	tonnage (2 tonnes/m ³)		tonnage (1.65 tonnes/m ³)	
8/1	2,666,000	Key	2,199,450	Key
8/2	640,000	Significant	528,000	→ Not significant

Overview			
Resource number: Resource name: Resource area: Resource depth: Location OS sheet reference:	8/1 Bushley Green 28 Estimated 9.5m SO 83 SE 200250, 202004		
National grid ref:	386359, 233981		
Resource description:	5 th to 6 th terressoned and ensuel. An old nit at Duchlau Green indicates a thickness of at least 0.45m. The		
Resource description:	5 th to 6 th terrace sand and gravel. An old pit at Bushley Green indicates a thickness of at least 9.45m. The composition of the gravel varies from rounded quartzite to Malvernian pebbles. The available evidence suggests that a thickness and composition may be very variable and consequently any future investigation would need to be detailed. (Estimated resource depth based on exposure of depth at Bushley Green this is rounded to 9.5m)		
Assessment of resource	e for the second consultation on MLP (Autumn 2013)		
Commentary:	A small deposit partially compromised by a small-scale ribbon development in the west of the resource area.		
Crude estimate of	Area: 28ha x average depth: 9.5m / 2		
	Estimated resource volume: 1,333,000m ³ . Estimated resource tonnage (at 2 t/m ³): 2,666,000 tonnes		
resource:			
resource: Conclusion:			
Conclusion:	Estimated resource tonnage (at 2 t/m ³): 2,666,000 tonnes Significant – key resource.		
Conclusion:	Estimated resource tonnage (at 2 t/m ³): 2,666,000 tonnes Significant – key resource. Use to define areas of search.		
Conclusion: Assessment of resource	Estimated resource tonnage (at 2 t/m ³): 2,666,000 tonnes Significant – key resource. Use to define areas of search. e for the Third Stage consultation on MLP (Spring 2015)		
Conclusion: Assessment of resource Revised estimate of	Estimated resource tonnage (at 2 t/m ³): 2,666,000 tonnes Significant – key resource. Use to define areas of search. te for the Third Stage consultation on MLP (Spring 2015) Area: 28ha x average depth: 9.5m / 2		

Overview	All Minimit & Shuthonger & SFn			
Resource number:	8/2 Buchlau			
Resource name:				
Resource area:	32 ha			
Resource depth:	32 ha Estimated 2m			
Location				
OS sheet reference:	SO 83 SE			
National grid ref: Resource description:	387727, 233981 Bushley Bushl			
	2rd terrage (Helt Heath) and and group. There are no expensive but at the surface group with hunter			
Resource description:	3rd terrace (Holt Heath) sand and gravel. There are no exposures but at the surface gravel with bunter pebbles is present. The deposits are mainly well sorted, well rounded pebbly sands. At Bushley, the memoir			
	states that it is difficult to estimate thickness but that 1-3m would appear reasonable.			
	(Estimated resource depth based on median depth of 2m)			
Assessment of resourc	e for the second consultation on MLP (Autumn 2013)			
Commentary:	A small deposit with a small-scale settlement in the northern end of the resource area and scattered			
	development throughout.			
Crude estimate of	Area: 32 ha x average depth: 2m x 0.5			
resource:				
	Estimated resource tonnage (at 2 t/m ³): 640,000 tonnes.			
Conclusion:	Significant.			
	Consider in defining areas of search.			
	e for the Third Stage consultation on MLP (Spring 2015)			
Revised estimate of	Area: 32 ha x average depth: 2m x 0.5			
resource:	Estimated resource volume: 320,000m ³			
	Estimated resource tonnage (at 1.65 t/m ³): 528,000 tonnes			
Conclusion:	Change to conclusion: Not significant.			