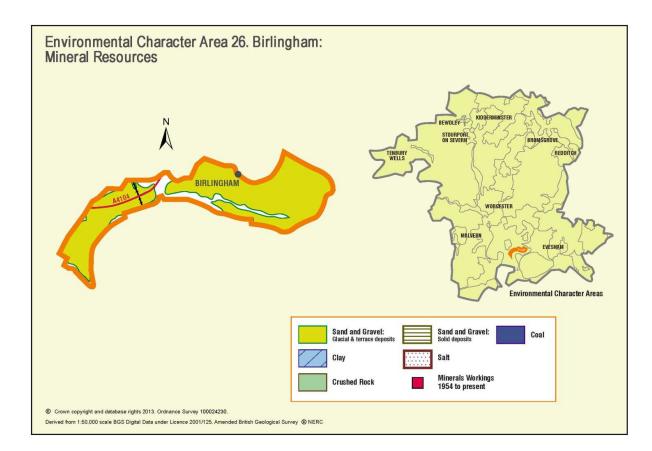
# Appendix 26: Analysis of aggregate resources in ECA 26: Birlingham



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

### Sand and gravel

There are 3 resource areas identified for sand and gravel in Birlingham ECA:

- Key: 2
- Compromised: 1

## Crushed rock

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

### Non-aggregates

BGS data indicates that there are no non-aggregate mineral deposits in Birlingham ECA.

# Overview of resource assessment for ECA 26

Sand and gravel resource areas:

Resource	Second Stage Consultation		Third Stage Consultation		Fourth Stage Consultation		
number*	Original estimated resource tonnage (2 tonnes/m <sup>3</sup> )	Significance	Revised estimate of resource tonnage (1.65 tonnes/m <sup>3</sup> )	Ū	New resource number (where resource has been split)	Revised estimate of resource tonnage (1.65 tonnes/m <sup>3</sup> )	Result
26/1	2,997,000	Key	2,472,525	Key		2,472,525	Key
					26/2	6,583,400	Key
26/2	8,399,000	Key	6,929,175	Key	26/2b		Compromised

Overview				
Resource number:	26/1	Set Crown copyright and		
Resource name:	Elm Lodge Farm,	DEFFORD CP		
	Woodmancote	100024230		
Resource area:	81ha	43 Denved from 1.50,000		
Resource depth:	Estimated 3.7m	dopelund's court		
Location		h Farm		
OS sheet reference:	SO 94 SW	re Geological Survey		
National grid ref:	391038, 242308	And Area and		
Resource description:	A ond :			
Resource description:	d gravel (Wasperton) deposit. A borehole at the northern of the terrace recorded 3.7m			
	sand and gravel beneath 1			
	(Estimated resource depth e for the second consultatio			
Commentary:		ted by railway line in the east and roads across the centre of the resource area.		
Crude estimate of	Area: 81 ha x average depth: 3.7m ÷ 2			
resource:	Estimated resource volume: 1,498,500 m <sup>3</sup> Estimated resource tonnage (at 2 t/m <sup>3</sup> ): 2,997,000 tonnes			
Conclusion:	Significant – key resource.	ige (at 2 t/m ): 2,997,000 tonnes		
Conclusion.	Use to define areas of sear			
Assessment of resource				
Revised estimate of	e for the Third Stage consultation on MLP (Spring 2015) Area: 81 ha x average depth: 3.7m ÷ 2			
resource:	Estimated resource volume: 1,498,500 $m^3$			
		age (at 1.65 t/m <sup>3</sup> ): 2,472,525 tonnes		
Conclusion:	Significant – key resource.			
		ultation on MLP (August 2018)		
Resource area:	81ha			
Resource depth:	3.7m			
Revised estimate of	Area: 81 ha x average dept	h: 3.7m ÷ 2		
	A loa. Of the A average dept			

resource:	Estimated resource volume: 1,498,500 m <sup>3</sup> Estimated resource tonnage (at 1.65 t/m³): 2,472,525 tonnes
Conclusion:	Significant resource

Overview				
Resource number:	26/2	Crown copyright and database rolats 2018		
Resource name:	Birlingham	16/5 Ordnance Survey		
Resource area:	227 ha	1000243212		
Resource depth:	3.7 m	Derived from 1:50,000		
Location	and the	ford - under Licence 2001/125		
OS sheet reference:	SO 94 SW	Anended Butish Geological Survey		
National grid ref:	393568, 242860	water Works		
	(Vicing			
		26/2		
	26/1			
		The State State Way		
	12			
	12			
		7 16/8		
	12 C	Suttore III 24 Not Significant		
	Ber	All the William Natere bank		
Resource description:				
<b>Resource description:</b> 2 <sup>nd</sup> river terrace (Wasperton), 3 <sup>rd</sup> river terrace (New Inn) sand and gravel deposits. Part of this resource is				
•	the Bretford member. A borehole in	he 2 <sup>nd</sup> terrace (in resource area 26/1 to the west) recorded 3.7m sand and		
	gravel beneath 1.2m overburden.			
	(Estimated resource depth 3.7m)			
Assessment of resource	e for the second consultation on ML			
Commentary:	A large deposit, intersected by railwa	y line in the east and roads across the centre of the resource area.		
Crude estimate of	Area: 227 ha x average depth: 3.7m ÷ 2			
resource:	Estimated resource volume: 4,199,500 m <sup>3</sup>			
	Estimated resource tonnage (at 2	:/m³): 8,399,000 tonnes		
Conclusion:	Significant – key resource.			
	Use to define areas of search.			
	e for the Third Stage consultation or			
	Area: 227 ha x average depth: 3.7m ÷ 2			
Revised estimate of				
Revised estimate of resource:	Estimated resource volume: 4,199,5	00 m <sup>3</sup>		
resource:	Estimated resource volume: 4,199,5 Estimated resource tonnage (at 1	00 m <sup>3</sup>		
resource: Conclusion:	Estimated resource volume: 4,199,5 Estimated resource tonnage (at 1) Significant – key resource.	00 m <sup>3</sup> 65 t/m³): 6,929,175 tonnes		
resource: Conclusion: Assessment of resource	Estimated resource volume: 4,199,5 Estimated resource tonnage (at 1) Significant – key resource. for the Fourth Stage consultation of	00 m <sup>3</sup> 65 t/m³): 6,929,175 tonnes		
resource: Conclusion: Assessment of resource This resource area has be	Estimated resource volume: 4,199,5 Estimated resource tonnage (at 1) Significant – key resource.	00 m <sup>3</sup> 65 t/m³): 6,929,175 tonnes		

Resource area:	216 ha	Commentary:	Screened out due to the following appendix A
Resource depth:	Estimated 3.7m		criterion:
Revised estimate of	Area: 216 ha x average depth: 3.7m ÷ 2		- Conservation Area
resource:	Estimated resource volume: 3,996,000		- Listed Buildings
	m <sup>3</sup>		<ul> <li>Settlement boundary</li> </ul>
	Estimated resource tonnage (at 1.65		
	t/m³): 6,593,400 tonnes		
Conclusion:	Key resource	Conclusion:	Compromised