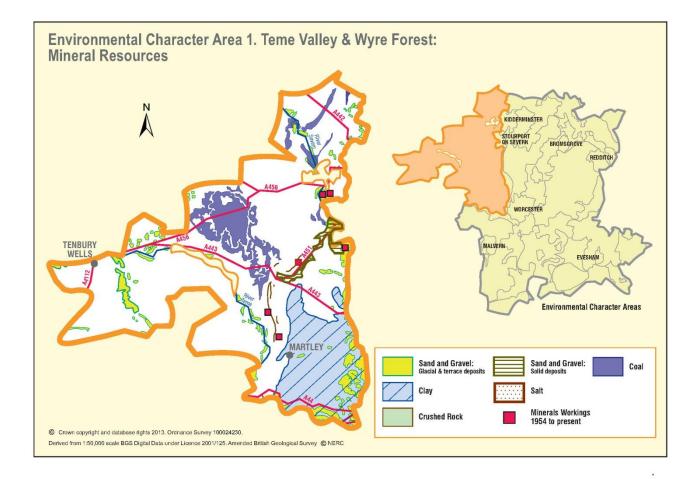
Appendix 1: Analysis of aggregate resources in ECA 1: Teme Valley and Wyre Forest



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

Sand and gravel

There are 43 resource areas identified for sand and gravel in Severn Valley South ECA:

- Key: 2
- Significant: 8
- Not significant: 26
- Compromised: 7

Crushed rock

BGS data indicates that there are crushed rock resources in this ECA, however these are mapped as either less than 200m wide or less than 10ha in size. Therefore there are no resource areas identified in Teme Valley & Wyre Forest ECA for crushed rock.

Non-aggregates

BGS data indicates that there are deposits of clay and coal in this ECA. However, the Coal Authority and CoalPro have jointly informed the council that there are no commercially viable coal deposits in Worcestershire.

Overview of resource assessment for ECA 1

Sand and gravel resource areas:

Resource number*			Third Stage Con	sultation	Fourth Stage Consultation		
number	Original estimated resource tonnage (2 tonnes/m ³)	Significance	Revised estimate of resource tonnage (1.65 tonnes/m ³)	Significance	Ne resour numb (whe resource h been spl	ce estimate er of re resource as tonnage	Result
1/1	Depth unknown	Not significant	Depth unknown	Not significant	- Not re-assessed		
1/2	Depth unknown	Not significant	Depth unknown	Not significant			
1/3	1,260,000	Significant	1,039,500	Significant		1,039,500	Significant
1/3a	2,016,000	Compromised	1,663,200	Compromised	Not re-assessed		
1/4	750,000	Significant	618,750	Significant	1/4 515,625		Not significant
1/4	750,000	Significant	018,750	Significant	1/4a		Compromised
1/5	3,190,000	Кеу	2,631,750	Key		2,631,750	Кеу
1/6	1,600,000	Significant	1,320,000	Significant		1,221,000	Significant
1/6a	500,000	Compromised	412,500	Compromised	Not re-assessed		
1/7	594,000	Not significant	490,050	Not significant			
1/8	242,000	Not significant	199,650	Not significant			
1/9	220,000	Not significant	181,500	Not significant			
1/10	220,000	Not significant	181,500	Not significant			
1/11	3,224,000	Кеу	2,659,800	Key		2,455,200	Кеу
1/11a	1,085,000	Compromised	895,125	Compromised			
1/12	625,000	Significant	515,625	Not significant	 Not re-assessed 		

1/13	350,000	Not significant	350,000	Not significant				
A /A A	4 000 000	00 Ciarrificant	4 800 000	Cignificant	1/14	1,485,000	Significant	
1/14 1,800,000	Significant	1,800,000	Significant	1/14a		Compromised		
1/15	340,000	Not significant	340,000	Not significant		•	-	
1/16	Depth unknown	Not significant	Depth unknown	Not significant				
1/17	480,000	Not significant	480,000	Not significant	Not re-assessed			
1/18	Depth unknown	Not significant	Depth unknown	Not significant				
1/19	Depth unknown	Not significant	Depth unknown	Not significant				
1/20	Depth	Significant	Depth unknown	Significant	1/20	Depth unknown	Significant	
1/20	unknown	Significant		Signincant	1/20a		Compromised	
1/21	Depth unknown	Not significant	Depth unknown	Not significant			-	
1/22	Depth unknown	Not significant	Depth unknown	Not significant	- Not re-ass	 Not re-assessed 		
1/23	Depth	Significant	Depth unknown	Significant	1/23	Depth unknown	Significant	
1/23	unknown	Significant		Significant	1/23a		Compromised	
1/24	Depth unknown	Not significant	Depth unknown	Not significant				
1/25	Depth unknown	Not significant	Depth unknown	Not significant				
1/26	Depth unknown	Not significant	Depth unknown	Not significant	- Not re-ass	Sessed		
1/27	Depth unknown	Not significant	Depth unknown	Not significant				
1/29	060.000	Significant	792,000	Significant	1/28	660,000	Significant	
1/28	960,000	Significant	192,000	Significant	1/28a		Compromised	
1/29	630,000	Significant	519,750	Not significant	Not re-ass	sessed		
1/30	Depth	Significant	Depth unknown	Significant	1/30	Depth unknown	Significant	
. = =	unknown				1/30a		Compromised	

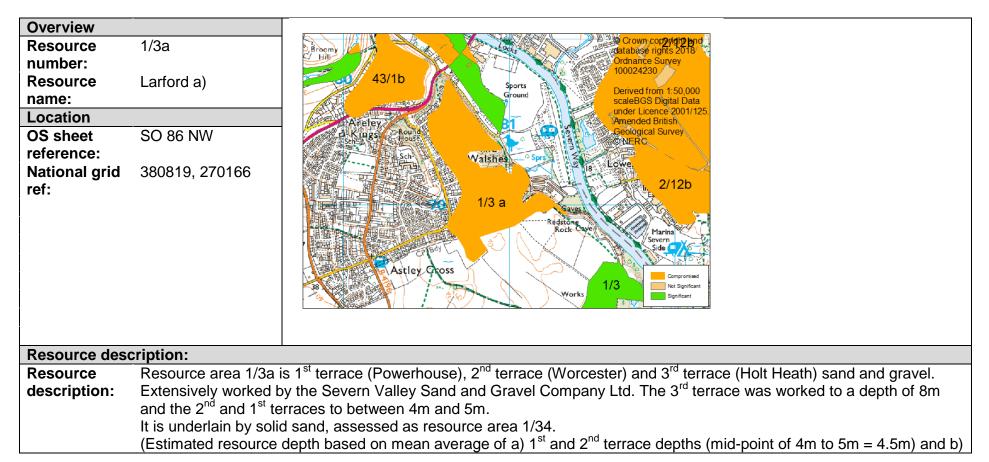
1/31	Depth unknown	Not significant	Depth unknown	Not significant	Not re-asse	Not re-assessed	
1/32	596,330,000	Key	491,972,250	Key	1/32	Depth unknown	Significant
1/52	330,330,000	Noy	401,072,200	i toy	1/32a		Compromised
1/33	149,691,000	Compromised	123,495,075	Compromised	Not re-assessed		

Overview						
Resource number:	1/1			1	© Crown copyright and	
Resource name:	Upper Arley	Drain		7	database rights 2018 Ordnance Survey	
Location				/	100024230	
OS sheet reference: National grid ref:	SO 78 SE 376195, 280651	The Grove Coppice	1/1	/1b	Deuved from 1:50,000 scaleBGS Digital Data under Licence 2001/1257 Amended British- Geological Survey NERC Veir Path Path Path Path Path Path Path Path	
Resource description		eath) sand and gravel. N	o thicknesses r	ecordeo	d in BGS memoirs.	
description:		· · ·				
Assessment of reso	ource for the secor	nd consultation on MLP	(Autumn 201	3)		
Commentary:	A small deposit wi	th little built development	•			
Resource area:	18 ha	•				
Resource depth:	Not known					
Crude estimate of	Depth not known.					
resource:						
Conclusion:	Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search.					
Assessment of resc		Stage consultation on		0015)		
Revised estimate	No change to the a			.013)		
of resource:	The change to the a					
Conclusion:	Not significant.					
	0	h Stage consultation or		t 2018)		
		ig classified as Key or Sig			tage Consultation	
NOLIEASSESSEU UUE		ig classified as iver of oly	grinteant in the	Tinu S	age consultation	

Overview						
Resource number:	1/2	Crown copyright and				
Resource name:	Ribbesford	database rights 2018 Ordinance Survey				
Location						
OS sheet	SO 77 SE	Wintednik Derived from 1.50,000				
reference:		scaleBGS Digital Data				
National grid ref:	378829, 273936	inder Licence 2001/125. Ariended British Geological Survey © NERC Unry Buster 1/2b 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2				
Resource description	n:					
Resource		ouse) sand and gravel. No details of thickness or composition recorded in BGS memoirs.				
description:						
	urce for the second	consultation on MLP (Autumn 2013)				
Commentary:		rsected by roads but with little other built development.				
Resource area:	14ha					
Resource depth:	Depth not known					
Crude estimate of						
•	Depth not known.					
Crude estimate of	Depth not known.	all deposit with no information to estimate the resource in this area.				
Crude estimate of resource:	Depth not known. Not significant: Sma	all deposit with no information to estimate the resource in this area. In in defining areas of search.				
Crude estimate of resource: Conclusion:	Depth not known. Not significant: Sma Not for consideratio					
Crude estimate of resource: Conclusion:	Depth not known. Not significant: Sma Not for consideratio	n in defining areas of search. tage consultation on MLP (Spring 2015)				
Crude estimate of resource: Conclusion: Assessment of resou	Depth not known. Not significant: Sma Not for consideratio urce for the Third St	n in defining areas of search. tage consultation on MLP (Spring 2015)				
Crude estimate of resource: Conclusion: Assessment of resou Revised estimate	Depth not known. Not significant: Sma Not for consideratio urce for the Third St	n in defining areas of search. tage consultation on MLP (Spring 2015)				
Crude estimate of resource: Conclusion: Assessment of resource Revised estimate of resource: Conclusion:	Depth not known. Not significant: Sma Not for consideratio urce for the Third St No change to the as Not significant.	n in defining areas of search. tage consultation on MLP (Spring 2015)				

Overview						
Resource number:	1/3					
Resource name:	Larford					
Location	1/3 under Licence 2001/125, Amended British					
OS sheet reference:	SO 86 NW					
National grid ref:	381486, 268722					
Resource desc	cription:					
Resource description:	1 st terrace (Powerhouse), 2 nd terrace (Worcester) and 3 rd terrace (Holt Heath) sand and gravel. Extensively worked by the Severn Valley Sand and Gravel Company Ltd. The 3 rd terrace was worked to a depth of 8m and the 2 nd and 1 st					
	terraces to between 4m and 5m. (Estimated resource depth based on mean average of a) 1 st and 2 nd terrace depths (mid-point of 4m to 5m = 4.5m) and b) 3 rd terrace depths 8m = 6.3m)					
Assessment of	f resource for the second consultation on MLP (Autumn 2013)					
Commentary:	A small resource area which is part of a deposit which has been extensively worked. Worked areas are not included as part of the resource area. The deposit also continues beyond the former working to the north (resource area 1/3a) and over 500m to the south (resource area 1/29).					
Resource area:	20 ha					
Resource depth:	Estimated 6.3m					
Crude	Area: 20 ha x average depth: 6.3 ÷ 2					
estimate of	Estimated resource volume: 630,000m ³					
resource:	Estimated resource tonnage (at 2 t/m ³): 1,260,000 tonnes					
Conclusion:	Significant.					
	Consider in defining areas of search.					
Assessment of	f resource for the Third Stage consultation on MLP (Spring 2015)					
Resource	20 ha					

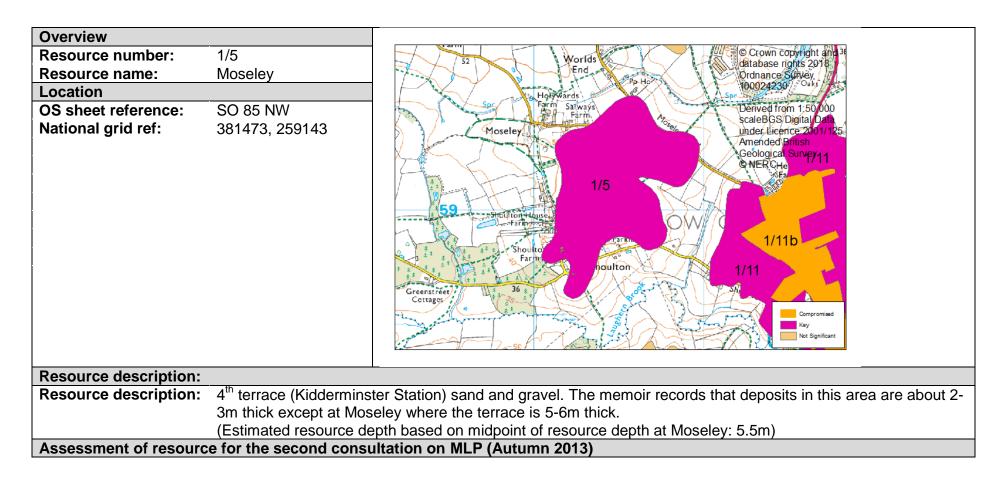
Resource depth:	Estimated 6.3m
Revised	Area: 20 ha x average depth: 6.3 ÷ 2
estimate of	Estimated resource volume: 630,000m ³
resource:	Estimated resource tonnage (at 1.65 t/m ³): 1,039,500 tonnes
Conclusion:	Significant.
Assessment of	of resource for the Fourth Stage consultation on MLP (August 2018)
Resource	20 ha
area:	
Resource	Estimated 6.3m
depth:	
Revised	Area: 20 ha x average depth: 6.3 ÷ 2
estimate of	Estimated resource volume: 630,000m ³
resource:	Estimated resource tonnage (at 1.65 t/m ³): 1,039,500 tonnes
Conclusion:	Significant.



	3 rd terrace depths 8m = 6.3m)
Assessment o	f resource for the second consultation on MLP (Autumn 2013)
Commentary:	A small resource area which is part of a deposit which has been extensively worked and is compromised by the settlement of the Walshes. Worked areas are not included as part of the resource area. The deposit also continues beyond the former working to the south east (resource area 1/3) and over 500m to the south (resource area 1/29).
Resource	32 ha
area:	
Resource	Estimated 6.3m
depth:	
Crude	Area: 32 ha x average depth: 6.3 ÷ 2
estimate of	Estimated resource volume: 1,008,000m ³
resource:	Estimated resource tonnage (at 2 t/m ³): 2,016,000 tonnes
Conclusion:	Compromised by development with less than 10ha of the deposit remaining.
Assessment o	f resource for the Third Stage consultation on MLP (Spring 2015)
Resource	32 ha
area:	
Resource depth:	Estimated 6.3m
Revised	Area: 32 ha x average depth: 6.3 ÷ 2
estimate of	Estimated resource volume: 1,008,000m ³
resource:	Estimated resource tonnage (at 1.65 t/m ³): 1,663,200 tonnes
Conclusion:	Compromised by development with less than 10ha of the deposit remaining.
Assessment o	f resource for the Fourth Stage consultation on MLP (August 2018)
	I due to resource not being classified as Key or Significant in the Third Stage Consultation.

Overview					
Resource number:	1/4	© Crown copyright and database rights 2018 Ordnance Survey			
Resource name:	Sinton Green	100024230 Derived from 1:50,000 scaleBGS Digital Data			
Location		Turder Licence 2001/125.			
OS sheet reference: National grid ref:	SO 86 SW, SO 85 NW 381792, 260319	Annended British Geological Survey O HER S Herry Worlds End Worlds End Herry Worlds End He			
Resource desc	ription:				
Resource	4 th terrace (Kidderminst	ter Station) sand and gravel. The memoir records that deposits in this area are about 2-3m thick.			
description:		idings at a borehole in the 4 th terrace at Little Eastbury, south of Hallow (approx. 3km south of this			
		ecorded 0.9m of overburden and 1.8m of sand and gravel.			
	•	oth based on memoir record for the area: midpoint of 2m to 3m = 2.5m			
Assessment of	resource for the secor	nd consultation on MLP (Autumn 2013)			
Commentary:	A small resource area i	intersected by roads with some ribbon development.			
Resource area:	30 ha				
Resource depth:	Estimated 2.5m				
Crude	Area: 30 ha x average depth: 2.5 m ÷ 2				
estimate of	Estimated resource vol				
resource:	Estimated resource to	onnage (at 2 t/m ³): 750,000 tonnes			
Conclusion:	Significant.				
Assessment of	resource for the Third	Stage consultation on MLP (Spring 2015)			
Resource	30 ha				
area:					
Resource depth:	Estimated 2.5m				

Revised	Area: 30 ha x average depth: 2.5 m ÷ 2					
estimate of	Estimated resource volume: 375,000 m ³					
resource:	Estimated resource tonnage (at 1.65 t/m ³): 618,750 t	onnes				
Conclusion:	Significant.					
Assessment o	f resource for the Fourth Stage consultation on MLP (August 2018)				
This resource a	rea has been split into areas 1/4 and 1/4a.					
	Resource area 1/4	Res	source area 1/4a			
Resource area	: 25 ha	Commentary:	Screened out due to the			
Resource dept	th: Estimated 2.5m		following appendix A			
Revised estimation			criterion:			
resource:	Estimated resource volume: 312,500 m ³		 Listed Building 			
	Estimated resource tonnage (at 1.65		- Settlement			
	t/m³): 515,625 tonnes		Boundary			
Conclusion:	Not significant.	Conclusion:	Compromised			



Commentary:	A medium resource area intersected by roads with some ribbon development.
Resource area:	58 ha
Resource depth:	Estimated 5.5m
Crude estimate of	Area: 58 ha x average depth: 5.5m ÷ 2
resource:	Estimated resource volume: 1,595,000m ³
	Estimated resource tonnage (at 2 t/m ³): 3,190,000 tonnes
Conclusion:	Significant – key resource.
	Use to define areas of search.
Assessment of resour	ce for the Third Stage consultation on MLP (Spring 2015)
Resource area:	58 ha
Resource depth:	Estimated 5.5m
Revised estimate of	Area: 58 ha x average depth: 5.5m ÷ 2
resource:	Estimated resource volume: 1,595,000m ³
	Estimated resource tonnage (at 1.65 t/m ³): 2,631,750 tonnes
Conclusion:	Significant – key resource.
Assessment of resour	ce for the Fourth Stage consultation on MLP (August 2018)
Resource area:	58 ha
Resource depth:	Estimated 5.5m
Revised estimate of	Area: 58 ha x average depth: 5.5 ÷ 2
resource:	Estimated resource volume: 1,595,500m ³
	Estimated resource tonnage (at 1.65 t/m ³): 2,631,750 tonnes
Conclusion:	Key resource

Overview					
Resource number:	1/6				
Resource name:	Lower Broadheath				
Location	100024230 10 100024230 100000000000				
OS sheet reference: National grid ref:	SO 85 NW 381308, 256897				
Resource description:					
Resource description:	A 5 th terrace (Bushley Green) sand and gravel deposit. The deposit consists of predominantly of yellow to red- brown pebbly sand but is locally clayey or gravelly. The BGS memoirs state that much of it is less than 2m thick in Lower Broadheath. Three resistivity soundings just south of Lower Broadheath indicate up to 2m of sand and/or gravel on Mercia Mudstone. (Estimated resource depth based on estimates of 2m)				
Assessment of resource	e for the second consultation on MLP (Autumn 2013)				
Commentary:	A medium-sized resource area in two sections either side of the village of Lower Broadheath.				
Resource area:	80 ha				
Resource depth:	Estimated 2m				
Crude estimate of resource:	Area: 80 ha x average depth: 2m ÷ 2 Estimated resource volume: 800,000 m ³ Estimated resource tonnage (at 2 t/m ³): 1,600,000 tonnes				
Conclusion:	Significant. Consider in defining areas of search.				
Assessment of resourc	e for the Third Stage consultation on MLP (Spring 2015)				
Resource area:	80 ha				
Resource depth:	Estimated 2m				
Revised estimate of	Area: 80 ha x average depth: 2m ÷ 2				
resource:	Estimated resource volume: 800,000 m ³				

Conclusion:	Significant.
Assessment of resource	ce for the Fourth Stage consultation on MLP (August 2018)
Resource area:	74 ha
Resource depth:	Estimated 2m
Revised estimate of	Area: 74 ha x average depth: 2 ÷ 2
resource:	Estimated resource volume: 740,000m ³
	Estimated resource tonnage (at 1.65 t/m ³): 1,221,000 tonnes
Conclusion:	Significant resource

Resource number: 1/6 a Resource name: Lower Broadheath a) Location 1/7 OS sheet reference: SO 85 NW National grid ref: 381308, 256897	
Location OS sheet reference: SO 85 NW National grid ref: 381308, 256897	
OS sheet reference: SO 85 NW National grid ref: 381308, 256897	
National grid ref: 381308, 256897	
National grid ref: 381308, 256897	
Little Li	
Resource description:	
Resource description: 5 th terrace (Bushley Green) sand and gravel. The deposit consists of predominantly of yellow to red-brow	/n
pebbly sand but is locally clayey or gravelly. The BGS memoirs state that much of it is less than 2m thick	
Lower Broadheath. Three resistivity soundings just south of Lower Broadheath indicate up to 2m of sand	
and/or gravel on Mercia Mudstone.	
(Estimated resource depth based on estimates of 2m)	
Assessment of resource for the second consultation on MLP (Autumn 2013)	
Commentary: A small resource area compromised by the settlement of Lower Broadheath. The deposit extends to the	east
and west of the village (assessed as resource area 1/6).	
Resource area: 25 ha	
Resource depth: Estimated 2m	

Crude estimate of	Area: 25 ha x average depth: 2m ÷ 2	
resource:	Estimated resource volume: 250,000 m ³	
	Estimated resource tonnage (at 2 t/m ³): 500,000 tonnes	
Conclusion:	Compromised by development.	
Assessment of resource	ce for the Third Stage consultation on MLP (Spring 2015)	
Resource area:	25 ha	
Resource depth:	Estimated 2m	
Revised estimate of	Area: 25 ha x average depth: 2m ÷ 2	
resource:	Estimated resource volume: 250,000 m ³	
	Estimated resource tonnage (at 1.65 t/m ³): 412,500 tonnes	
Conclusion:	Compromised by development.	
Assessment of resource	ce for the Fourth Stage consultation on MLP (August 2018)	
Commentary:	Screened out due to the following appendix A criterion: - Allocated site in South Worcestershire Development Plan	
	 Ancient Semi-Natural Woodland Listed Building Settlement Boundary 	
Conclusion:	Compromised	

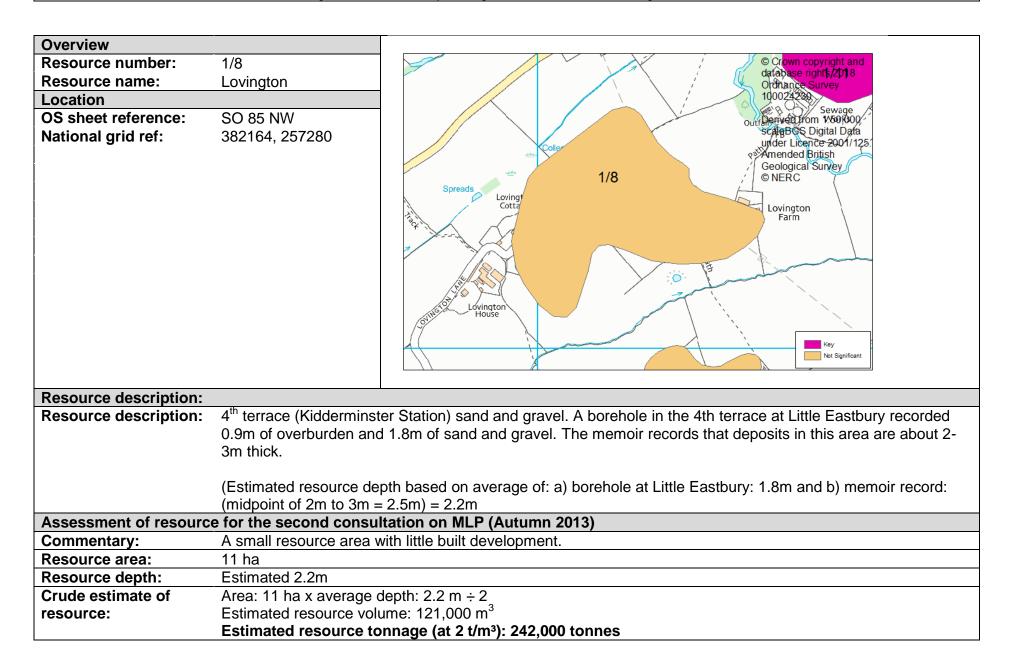
Overview		
Resource number: Resource name: Location OS sheet reference: National grid ref:	1/7 Ashfield Farm SO 85 NW 381807, 257947	Crowni, copyright and database rights 2/18 Ordnaince Survey 100024230 Derived from x 50,000 scaleBGS Digital Data underLicence 2001/125 Amended.British Geological Survey © NERC
Resource description:		
Resource description:	 4th terrace (Kidderminster Station) sand and gravel. A borehole in the 4th terrace at Little Eastbury, south of Hallow (approx. 1km south west of this resource area), recorded 0.9m of overburden and 1.8m of sand and gravel. The memoir records that deposits in this area are about 2-3m thick. (Estimated resource depth based on average of: a) borehole at Little Eastbury: 1.8m and b) memoir record: (midpoint of 2m to 3m = 2.5m) = 2.2m 	
Assessment of resourc	e for the second consultation on MLP	Autumn 2013)
Commentary:	A small resource area with little built dev	
Resource area:	27 ha	
Resource depth:	Estimated 2.2m	
Crude estimate of resource:	Area: 27 ha x average depth: 2.2 m ÷ 2 Estimated resource volume: 297,000 m Estimated resource tonnage (at 2 t/m	
Conclusion:	Not significant: Small deposit with less t Not for consideration in defining areas of	nan 300,000m ³ . f search.
Assessment of resourc	e for the Third Stage consultation on M	ILP (Spring 2015)
Resource area:	27 ha	
Resource depth:	Estimated 2.2m	
Revised estimate of	Area: 27 ha x average depth: 2.2 m ÷ 2	
resource:	Estimated resource volume: 297,000 m	3

Estimated resource tonnage (at 1.65 t/m³): 490,050 tonnes

Conclusion: Not significant.

Assessment of resource for the Fourth Stage consultation on MLP (August 2018)

Not reassessed due to resource not being classified as Key or Significant in the Third Stage Consultation.



Conclusion:	Not significant: Small deposit with less than 300,000m ³ .
	Not for consideration in defining areas of search.
Assessment of resource	ce for the Third Stage consultation on MLP (Spring 2015)
Resource area:	11 ha
Resource depth:	Estimated 2.2m
Revised estimate of	Area: 11 ha x average depth: 2.2 m ÷ 2
resource:	Estimated resource volume: 121,000 m ³
	Estimated resource tonnage (at 1.65 t/m³): 199,650 tonnes
Conclusion:	Not significant.
Assessment of resource for the Fourth Stage consultation on MLP (August 2018)	
Not reassessed due to resource not being classified as Key or Significant in the Third Stage Consultation.	

Overview		
Resource number:	1/9 1/8 © Crown copyright and	
Resource name:	Eastbury Manor database rights 2018 Ordnance Survey	
Location	100024230	
OS sheet reference: National grid ref:	SO 85 NW 382343, 256830	
Resource description:		
Resource description:	A 4 th terrace (Kidderminster Station) sand and gravel. A borehole in the 4 th terrace at Little Eastbury recorded	
•	0.9m of overburden and 1.8m of sand and gravel. The memoir records that deposits in this area are about 2- 3m thick.	
	(Estimated resource depth based on average of: a) borehole at Little Eastbury: 1.8m and b) memoir record:	
Accompant of recourse	(midpoint of 2m to $3m = 2.5m$) = 2.2m	
	e for the second consultation on MLP (Autumn 2013)	
Commentary: Resource area:	A small resource area with little built development.	
Resource depth:	10 ha Estimated 2.2m	
Crude estimate of	Estimated 2.2m	
	Area: 10 ha x average depth: 2.2m ÷ 2 Estimated resource volume: 110,000 m ³	
resource:	Estimated resource tonnage (at 2 t/m ³): 220,000 tonnes	
Conclusion:	Not significant: Small deposit with less than 300,000m ³ .	
	Not for consideration in defining areas of search.	
Assessment of resource	e for the Third Stage consultation on MLP (Spring 2015)	
Resource area:	10 ha	
Resource depth:	Estimated 2.2m	
Revised estimate of	Area: 10 ha x average depth: 2.2m ÷ 2	
IVEAISER ESTIMATE OF	$\neg 1 = a \cdot 1 = a \cdot a = a = a = a = a = a = a = a = a$	

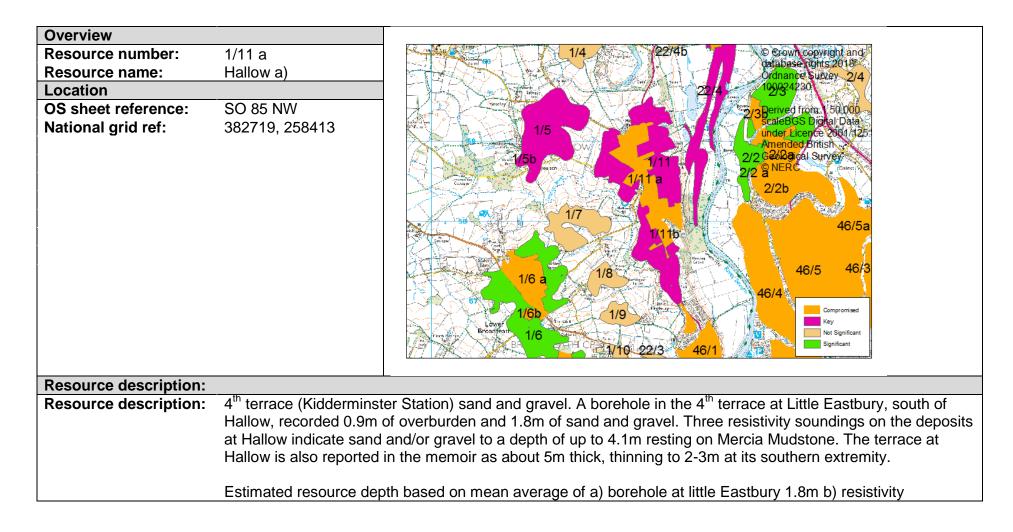
resource:	Estimated resource volume: 110,000 m ³	
	Estimated resource tonnage (at 1.65 t/m ³): 181,500 tonnes	
Conclusion:	Not significant.	
Assessment of resource for the Fourth Stage consultation on MLP (August 2018)		
Not reassessed due to resource not being classified as Key or Significant in the Third Stage Consultation.		

Overview		
Resource number:	1/10 © Crown copyright and	
Resource name:	Temple Laughern	
Location	The Lodge In the Lodge Internet eld/Turinduce Ourvey	
OS sheet reference: National grid ref:	SO 85 NW 382314, 256180	
Resource description:		
Resource description:	4 th terrace (Kidderminster Station) sand and gravel. A borehole in the 4 th terrace at Little Eastbury, south of Hallow, recorded 0.9m of overburden and 1.8m of sand and gravel. The memoir records that deposits in this area are about 2-3m thick. (Estimated resource depth based on average of: a) borehole at Little Eastbury: 1.8m and b) memoir record:	
	(midpoint of 2m to $3m = 2.5m$) = 2.2m	
Assessment of resource	e for the second consultation on MLP (Autumn 2013)	
Commentary:	A small resource area with little built development.	
Resource area:	10 ha	
Resource depth:	Estimated 2.2m	
Crude estimate of resource:	Area: 10 ha x average depth: 2.2m ÷ 2 Estimated resource volume: 110,000 m ³ Estimated resource tonnage (at 2 t/m³): 220,000 tonnes	
Conclusion:	Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search.	
Assessment of resource	e for the Third Stage consultation on MLP (Spring 2015)	
Resource area:	10 ha	
Resource depth:	Estimated 2.2m	
Revised estimate of	Area: 10 ha x average depth: 2.2m ÷ 2	

resource:	Estimated resource volume: 110,000 m ³	
	Estimated resource tonnage (at 1.65 t/m ³): 181,500 tonnes	
Conclusion:	Not significant.	
Assessment of resource for the Fourth Stage consultation on MLP (August 2018)		
Not reassessed due to resource not being classified as Key or Significant in the Third Stage Consultation.		

Overview		
Resource number:	1/11	1/4 (22/4b) © Grown copyright and
Resource name:	Hallow	database tronts 2018 Ordnance Survey 2/4
Location		22.4 102/03/42.80
OS sheet reference: National grid ref:	SO 85 NW 382719, 258413	1/5 1/5 1/1 1/1
Resource description:		
Resource description:	Hallow, recorded 0.9m of at Hallow indicate sand a	r Station) sand and gravel. A borehole in the 4 th terrace at Little Eastbury, south of overburden and 1.8m of sand and gravel. Three resistivity soundings on the deposits nd/or gravel to a depth of up to 4.1m resting on Mercia Mudstone. The terrace at the memoir as about 5m thick, thinning to 2-3m at its southern extremity.
	soundings 4.1m and c) B	th based on mean average of a) borehole at little Eastbury 1.8m b) resistivity GS memoir reports on the terrace at Hallow (mid-point of 5m to 2m) 3.5m = 3.1m)
Assessment of resource		ation on MLP (Autumn 2013)
Commentary:		e area in two sections either side of the village of Hallow. An A road runs through the ribbon development. The deposit extends under the village of Hallow (assessed as
Resource area:	104 ha	
Resource depth:	Estimated 3.1m	
Crude estimate of	Area: 104 ha x average c	
resource:	Estimated resource volur	
		nage (at 2 t/m ³): 3,224,000 tonnes
Conclusion:	Significant – key resource	
-	Use to define areas of se	
Assessment of resource for the Third Stage consultation on MLP (Spring 2015)		
Resource area:	104 ha	

Resource depth:	Estimated 3.1m	
Revised estimate of	Area: 104 ha x average depth: 3.1m ÷ 2	
resource:	Estimated resource volume: 1,612,000 m ³	
	Estimated resource tonnage (at 1.65 t/m ³): 2,659,800 tonnes	
Conclusion:	Significant – key resource.	
Assessment of resource	ce for the Fourth Stage consultation on MLP (August 2018)	
Resource area:	96 ha	
Resource depth:	Estimated 3.1m	
Revised estimate of	Area: 96 ha x average depth: 3.1m ÷ 2	
resource:	Estimated resource volume: 1,488,000 m ³	
	Estimated resource tonnage (at 1.65 t/m ³): 2,455,200 tonnes	
Conclusion:	Key resource	



	soundings 4.1m and c) BGS memoir reports on the terrace at Hallow (mid point of 5m to 2m) 3.5m = 3.1m	
Assessment of resour	ce for the second consultation on MLP (Autumn 2013)	
Commentary:	A small resource area compromised by the settlement of Hallow. The deposit extends to the east and west of	
	the village of Hallow (assessed as resource area 1/11).	
Resource area:	35 ha	
Resource depth:	Estimated 3.1m	
Crude estimate of	Area: 35 ha x average depth: 3.1m ÷ 2	
resource:	Estimated resource volume: 542,500 m ³	
	Estimated resource tonnage (at 2 t/m ³): 1,085,000 tonnes	
Conclusion:	Compromised by development.	
Assessment of resour	ce for the Third Stage consultation on MLP (Spring 2015)	
Resource area:	35 ha	
Resource depth:	Estimated 3.1m	
Revised estimate of	Area: 35 ha x average depth: 3.1m ÷ 2	
resource:	Estimated resource volume: 542,500 m ³	
	Estimated resource tonnage (at 1.65 t/m ³): 895,125 tonnes	
Conclusion:	Compromised by development.	
Assessment of resour	ce for the Fourth Stage consultation on MLP (August 2018)	
Commentary:	Screened out due to the following appendix A criterion:	
-	 Allocated site in South Worcestershire Development Plan 	
	- Conservation Area	
	- Listed Building(s)	
	- Settlement Boundary	
Conclusion:	Compromised	

Resource number: 1/12 Resource name: Crown East	
	right and
Location 100024230	
	tal Data 2001/125. 하나지도
Resource description:	
Resource description: 4 th terrace (Kidderminster Station) sand and gravel. The memoir records that deposits in t	his area are about 2-
3m thick.	
Estimated resource depth based on midpoint of 2-3m = 2.5m	
Assessment of resource for the second consultation on MLP (Autumn 2013)	
Commentary: A small resource area intersected by roads.	
Resource area: 25 ha	
Resource depth: Estimated 2.5m	
Crude estimate of Area: 25 ha x average depth: 2.5m ÷ 2	
resource: Estimated resource volume: 312,500m ³	
Estimated resource tonnage (at 2 t/m ³): 625,000 tonnes	
Conclusion: Significant.	
Conclusion: Significant. Consider in defining areas of search.	
Consider in defining areas of search.	
Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015)	
Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 25 ha	
Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 25 ha Resource depth: Estimated 2.5m	
Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 25 ha Resource depth: Estimated 2.5m Revised estimate of Area: 25 ha x average depth: 2.5m ÷ 2	

Overview	
Resource number:	1/13 1/12 Crown copyright and
Resource name:	Claphill Lane database rights 2018 Ordnance Survey
Location	100024230
OS sheet reference: National grid ref:	SO 85 SW 381737, 254121
Resource description:	
Resource description:	4 th terrace (Kidderminster Station) sand and gravel. The memoir records that deposits in this area are about 2-
	3m thick.
	Estimated resource depth based on midpoint of 2-3m = 2.5m
Assessment of resource	ce for the second consultation on MLP (Autumn 2013)
Commentary:	A small resource area intersected by roads.
Resource area:	14 ha
Resource depth:	Estimated 2.5m
Crude estimate of	Area: 14 ha x average depth: 2.5m ÷ 2
resource:	Estimated resource volume: 175,000 m ³
	Estimated resource tonnage (at 2 t/m ³): 350,000 tonnes
Conclusion:	Not significant: Small deposit with less than 300,000m ³ .
	Not for consideration in defining areas of search.
Assessment of resource	ce for the Third Stage consultation on MLP (Spring 2015)
Resource area:	14 ha
Resource depth:	Estimated 2.5m
Revised estimate of	Area: 14 ha x average depth: 2.5m ÷ 2
resource:	Estimated resource volume: 175,000 m ³
1	
	Estimated resource tonnage (at 1.65 t/m ³): 288,750 tonnes

Overview		
Resource number:	1/14	The Fair Crown Copyright Big
Resource name:	Cotheridge	Lower Contraction of the second
Location		Coppice Coppice
OS sheet reference:	SO 75 SE	Cliftion Cotrages
National grid ref:	378994, 254659	Hilling Literie Hilling State
	2	Amended British Geological Survey
	100	ONERC AND STREET
	Mi I	ILLS
	F	COTHERIDGE CP
		1/15 Company Contestion
		Housen
		21/2
		Compromised Not Significant
		Leigh Court
Resource description:		
Resource description:		and gravel. The gravels contain a high proportion of exotic material of Scottish
		east 2.5m of gravel is reported east of Cotheridge in the BGS memoirs.
		ased on memoir record for Cotheridge: 2.5m)
	e for the second consultation	
Commentary:	A medium resource area wit	h some built development.
Resource area:	72 ha	
Resource depth:	Estimated 2.5m	
Crude estimate of	Area: 72 ha x average depth: 2.5m ÷ 2	
resource:	Estimated resource volume:	,
Canalusians		ge (at 2 t/m³): 1,800,000 tonnes
Conclusion:	Significant.	facorch
Assessment of resource	Consider in defining areas of e for the Third Stage consu	Itation on MLP (Spring 2015)
Resource area:	72 ha	
Resource depth:	Estimated 2.5m	
Revised estimate of	Area: 72 ha x average depth	n: 2.5m ÷ 2
resource:	Estimated resource volume:	
		ge (at 1.65 t/m³): 1,485,000 tonnes
Conclusion:	Significant.	

Assessment of resource for the	Fourth Stage consultation on MLP (Aug	ust 2018)	
This resource area has been split	into areas 1/14 and 1/14a.		
Reso	ource area 1/14		Resource area 1/14a
Resource area:	72 ha	Commentary:	Screened out due to the following
Resource depth:	Estimated 2.5m	appendix A criterion:	
Revised estimate of resource:Area: 72 ha x average depth: 2.5m ÷ 2Estimated resource volume: 900,000 mEstimated resource tonnage (at 1.65t/m³): 1,485,000 tonnes			- Listed Buildings
Conclusion:	Significant resource	Conclusion:	Compromised

this resource area) which showed about 2.3m of red silt above 1m of gravel. (Estimated resource depth based on section at Horsham: 1m) Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A small resource area with little built development. Resource area: 34 ha Resource depth: Estimated 1m Crude estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³ Estimated resource tonnage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m³. Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource depth: Estimated 1m Resource depth: Estimated 1m Resource depth Search.	Overview			
Resource name: Lower Court Idecation	Resource number:	1/15 Crewn convright and		
Location 1002120 OS sheet reference: S0 75 SE 378996, 254086 378996, 254086 Resource description: 2 ^{md} terrace (Worcester) sand and gravel. Although the memoir refers to extensive deposits of 2 ^{md} terrace and which showed about 2.3 m of red sit above 1 m of gravel. Resource description: 2 ^{md} terrace (Worcester) sand and gravel. Although the memoir refers to extensive deposits of 2 ^{md} terrace around Cotheridge, the only information on depth given is a section at Horsham (approx. 6km north west of this resource area) which showed about 2.3 m of red sit above 1 m of gravel. Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A small resource area: 34 ha Resource earea: 34 ha Resource if resource for the second consultation on MLP (Spring 2015) Resource area: 34 ha Resource area: 34 ha x average depth: 1m ÷ 2 resource: Estimated resource tornage (at 2 t/m?): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search. Assessment of resource for the hard time depits the stand about 2.300 of all search. Resource area: 34 ha Resource area: 34 ha x average depth: 1m ÷ 2 resource: Estimated resource volume: 170,000 m ³ Estimated resource volume: 170,000	Resource name:			
National grid ref: 378996, 254086 Resource description: 2 rd terrace (Worcester) sand and gravel. Although the memoir refers to extensive deposits of 2 rd terrace around Cotheridge, the only information on depth given is a section at Horsham (approx. 6km north west of this resource area) with showed about 2.3m of red sitt above 1m of gravel. (Estimated resource depth based on section at Horsham: 1m) Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A small resource output: 378.000 m ³ Crude estimate of a frasource volume: 170,000 m ³ Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource consultation on MLP (Spring 2015) Resource area: 34 ha Resource consultation on MLP (Spring 2015) Resource area: 34 ha Resource area: 34 ha Resource depth: Estimated fresource volume: 170,000 m ³ Resource area: 34 ha Resource area: 34 ha Resource depth: Estimated fresource volume: 170,000 m ³ Resource area: 34 ha Resource area: 34 ha Resource depth: Estimated resource volume: 170,000 m ³ Estimated fresource volume: 170,000 m ³ Resource depth:	Location			
Resource description: 2 nd terrace (Worcester) sand and gravel. Although the memoir refers to extensive deposits of 2 nd terrace around Cotheridge, the only information on depth given is a section at Horsham (approx. 6km north west of this resource area) which showed about 2.3m of red silt above 1m of gravel. (Estimated resource depth based on section at Horsham: 1m) Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A small resource area with little built development. Resource depth: Estimated 1m Crude estimate of resource tornage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource area: 34 ha x average depth: 1m ÷ 2 Estimated resource tonnage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Resource depth: Estimated 1m Resource for the Third Stage consultation on MLP (Spring 2015) Resource depth: Estimated 1m		378996, 254086		
Resource description: 2 nd terrace (Worcester) sand and gravel. Although the memoir refers to extensive deposits of 2 nd terrace around Cotheridge, the only information on depth given is a section at Horsham (approx. 6km north west of this resource area) which showed about 2.3m of red silt above 1m of gravel. (Estimated resource depth based on section at Horsham: 1m) Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A small resource area with little built development. Resource depth: Estimated 1m Crude estimate of resource tornage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource area: 34 ha x average depth: 1m ÷ 2 Estimated resource tonnage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Resource depth: Estimated 1m Resource for the Third Stage consultation on MLP (Spring 2015) Resource depth: Estimated 1m	Resource description:			
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Image: Construct of the second consultation on MLP (Autumn 2013) Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A small resource area with little built development. Resource area: 34 ha Resource depth: Estimated 1m Crude estimate of resource volume: 170,000 m³ Estimated resource volume: 170,000 m³ Estimated resource tonnage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m³. Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Resource depth: Estimated 1m Resource depth: Estimated 1m Revised estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³	•	around Cotheridge, the only information on depth given is a section at Horsham (approx. 6km north west of		
Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A small resource area with little built development. Resource area: 34 ha Resource depth: Estimated 1m Crude estimate of resource of Area: 34 ha x average depth: 1m ÷ 2 resource: Estimated resource volume: 170,000 m³ Estimated resource tonnage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m³. Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource volume: 170,000 m³ Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³ Estimated resource volume: 170,000 m³		this resource area) which showed about 2.3m of red silt above 1m of gravel.		
Commentary: A small resource area with little built development. Resource area: 34 ha Resource depth: Estimated 1m Crude estimate of resource Area: 34 ha x average depth: 1m ÷ 2 resource: Estimated resource volume: 170,000 m³ Estimated resource tonnage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m³. Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³		(Estimated resource depth based on section at Horsham: 1m)		
Resource area: 34 ha Resource depth: Estimated 1m Crude estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m ³ Estimated resource tonnage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource volume: 170,000 m ³ Estimated 1m Revised estimate of resource volume: 170,000 m ³	Assessment of resource	e for the second consultation on MLP (Autumn 2013)		
Resource depth: Estimated 1m Crude estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³ Estimated resource tonnage (at 2 t/m³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m³. Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³	Commentary:	A small resource area with little built development.		
Crude estimate of resource:Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³ Estimated resource tonnage (at 2 t/m³): 340,000 tonnesConclusion:Not significant: Small deposit with less than 300,000m³. Not for consideration in defining areas of search.Assessment of resource for the Third Stage consultation on MLP (Spring 2015)Resource area:34 haResource depth:Estimated 1mRevised estimate of resource:Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³	Resource area:	34 ha		
resource: Estimated resource volume: 170,000 m ³ Estimated resource tonnage (at 2 t/m ³): 340,000 tonnes Conclusion: Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m ³	Resource depth:	Estimated 1m		
resource:Estimated resource volume: 170,000 m³ Estimated resource tonnage (at 2 t/m³): 340,000 tonnesConclusion:Not significant: Small deposit with less than 300,000m³. Not for consideration in defining areas of search.Assessment of resource for the Third Stage consultation on MLP (Spring 2015)Resource area:34 haResource depth:Estimated 1mRevised estimate of resource:Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³	Crude estimate of	Area: 34 ha x average depth: 1m ÷ 2		
Conclusion: Not significant: Small deposit with less than 300,000m ³ . Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource in the transformation of transformation of the transformation of the transformation of transformation of transformation of transformation of transformation of the transformation of transfo	resource:			
Not for consideration in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource volume: Area: 34 ha x average depth: 1m ÷ 2 resource: Estimated resource volume:		Estimated resource tonnage (at 2 t/m ³): 340,000 tonnes		
Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m ³	Conclusion:			
Resource area: 34 ha Resource depth: Estimated 1m Revised estimate of resource: Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m ³				
Resource area:34 haResource depth:Estimated 1mRevised estimate of resource:Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³	Assessment of resource	e for the Third Stage consultation on MLP (Spring 2015)		
Revised estimate of resource:Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³				
Revised estimate of resource:Area: 34 ha x average depth: 1m ÷ 2 Estimated resource volume: 170,000 m³	Resource depth:	Estimated 1m		
resource: Estimated resource volume: 170,000 m ³				
	resource:	Estimated resource volume: 170,000 m ³		
Estimated resource tonnage (at 1.65 t/m ³): 280,500 tonnes		Estimated resource tonnage (at 1.65 t/m ³): 280,500 tonnes		

Conclusion:

Not significant.

Overview				
Resource number:	1/16	Crown copyright and		
Resource name:	Broadwas	database rights 2018		
Location		100024230		
OS sheet reference:	SO 75 NE, SO 75 SE	Stoney Law Derived from 1 50 000		
National grid ref:	375743, 255098	ScaleBGS/Digital Data under Licence 2001/1255 Amended British Gebliogial Stinvely e NERC		
Resource description:				
Resource description:	1 st terrace (Powerhouse	e) sand and gravel. No thicknesses recorded in the BGS memoirs.		
Assessment of resource	e for the second consul	Itation on MLP (Autumn 2013)		
Commentary:	A small resource area v	with some built development across the area.		
Resource area:	14 ha			
Resource depth:	Not known			
Crude estimate of	Depth not known.			
•				
Crude estimate of	Depth not known.	eposit with no information to estimate the resource in this area.		
Crude estimate of resource:	Depth not known. Not significant: Small de	eposit with no information to estimate the resource in this area. defining areas of search.		
Crude estimate of resource: Conclusion:	Depth not known. Not significant: Small de Not for consideration in			
Crude estimate of resource: Conclusion:	Depth not known. Not significant: Small de Not for consideration in	defining areas of search.		
Crude estimate of resource: Conclusion: Assessment of resource	Depth not known. Not significant: Small de Not for consideration in e for the Third Stage co	defining areas of search.		
Crude estimate of resource: Conclusion: Assessment of resource Resource area:	Depth not known. Not significant: Small de Not for consideration in e for the Third Stage co 14 ha	defining areas of search. Insultation on MLP (Spring 2015)		
Crude estimate of resource: Conclusion: Assessment of resource Resource area: Resource depth:	Depth not known. Not significant: Small de Not for consideration in e for the Third Stage co 14 ha Not known	defining areas of search. Insultation on MLP (Spring 2015)		
Crude estimate of resource: Conclusion: Assessment of resource Resource area: Resource depth: Revised estimate of	Depth not known. Not significant: Small de Not for consideration in e for the Third Stage co 14 ha Not known	defining areas of search. Insultation on MLP (Spring 2015)		
Crude estimate of resource: Conclusion: Assessment of resource Resource area: Resource depth: Revised estimate of resource: Conclusion:	Depth not known. Not significant: Small de Not for consideration in e for the Third Stage co 14 ha Not known No change to the asses Not significant.	defining areas of search. Insultation on MLP (Spring 2015)		

Overview			
Resource number:	1/17	© Crown copyright and	
Resource name:	Horsham	database rights 2018 Ordnance Survey	
Location		100024230	
OS sheet reference: National grid ref:	SO 75 NW 373125, 257880	1/17 Derived from 1:50,000 scaleBGS: Digital Data are: under:Licence: 2001/125 Arrended British Gedlbgical Survey. © NERC FRC Hisplocate Hisplocate Hisplocate Hisplocate Hisplocate	
Resource description: Resource description:	1 st terrace (Powerbouse) and 2 nd terrace (Worcester) sand and gravel. No information on 1 st terrace	
	thicknesses. A section ir	the 2^{nd} terrace at Horsham showed about 2.3m of silt above 1m of gravel. oth based on section in 2^{nd} terrace at Horsham: 1m)	
Assessment of resource		tation on MLP (Autumn 2013)	
Commentary:		a with little built development.	
Resource area:	48 ha		
Resource depth:	Estimated 1m		
Crude estimate of	Area: 48 ha x average depth: 1m ÷ 2		
resource:	Estimated resource volume: 240,000 m ³		
	Estimated resource to	nnage (at 2 t/m ³): 480,000 tonnes	
Conclusion:	Not significant: Small de	posit with less than 300,000m ³ .	
		defining areas of search.	
Assessment of resourc	e for the Third Stage co	nsultation on MLP (Spring 2015)	
Resource area:	48 ha		
Resource depth:	Estimated 1m		
Revised estimate of	Area: 48 ha x average depth: 1m ÷ 2		
resource:	Estimated resource volume: 240,000 m ³		
		nnage (at 1.65 t/m³): 396,000 tonnes	
Conclusion:	Not significant.		
	-		

Overview	
Resource number:	1/18 Crown copyright and
Resource name:	Pie Corner 1/19 database rights 2018 Ordnance Survey
Location	
OS sheet reference: National grid ref:	SO 66 SW 364157, 261590
Resource description:	
Resource description:	BGS digital data indicates that this is Bank Farm sand and gravel. No further information available in the BGS memoirs.
Assessment of resource	ce for the second consultation on MLP (Autumn 2013)
Commentary:	A small resource area with little built development.
Resource area:	10 ha
Resource depth:	Not known
Crude estimate of	Depth not known.
resource:	
Conclusion:	Not significant: Small deposit with no information to estimate the resource in this area.
	Not for consideration in defining areas of search.
Assessment of resourc	ce for the Third Stage consultation on MLP (Spring 2015)
Resource area:	10 ha
	Notknown
Resource depth:	Not known
Resource depth: Revised estimate of	No change to the assessment.
Revised estimate of	
Revised estimate of resource: Conclusion: Assessment of resource	No change to the assessment.

Overview			
Resource number:	1/19 © Crown copyright and		
Resource name:	Hall Farm		
Location	100024230		
OS sheet reference: National grid ref:	SO 66 SW 364108, 262221		
Resource description:			
Resource description:	BGS data indicates that this is Bank Farm sand and gravel. No further information available in the BGS		
••••	memoirs.		
Assessment of resource	ce for the second consultation on MLP (Autumn 2013)		
Commentary:	A small resource area with little built development		
Resource area:	21 ha		
Resource depth:	Not known		
Crude estimate of resource:	Depth not known.		
Conclusion:	Not significant: Small deposit with no information to estimate the resource in this area.		
	Not for consideration in defining areas of search.		
Assessment of resource	ce for the Third Stage consultation on MLP (Spring 2015)		
Resource area:	21 ha		
Resource depth:	Not known		
Revised estimate of	No change to the assessment.		
resource: Conclusion:	Net aignificant		
	Not significant.		
Assessment of resource	ce for the Fourth Stage consultation on MLP (August 2018)		

Not reassessed due to resource not being classified as Key or Significant in the Third Stage Consultation.

Resource name: Nineveh Location SO 56 est reference: OS sheet reference: SO 66 SW National grid ref: SO 66 SW Sate reference: SO 66 SW National grid ref: SO 66 SW Resource description: Resource description: Resource description: BCS data indicates that this is Bank Farm sand and gravel. No further information available in the BGS memoirs. Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: Commentary: No kinown Crude estimate of Depth not known. Crude estimate of resource for the Third Stage consultation on MLP (Spring 2015) Resource in the final gareas of search. Resource depth: Not known Not known Resource in the final gareas of search. Consider in defining areas of search. Resource intere: 223 ha Resource into the second consultation on MLP (Spring 2015) Resource intere: Not known Resource into the second consultation on MLP (Spring 2015) Resource intere: Not known Resource into the second consultation on MLP (Spring 2015) Resource intere: Not known Resource into the second consultation on MLP (Spring 2015)	Overview			
Location OS sheet reference: SO 66 SW Sate reference: 362036, 265027 Wational grid ref: 362036, 265027 Description: Description: Resource description: BGS data indicates that this is Bank Farm sand and gravel. No further information available in the BGS memoirs. Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: Commentary: A large resource area with little built development. Resource depth: Not known. Crude estimate of Depth in the Stage consultation on MLP (Spring 2015) Resource depth: Not known. Resource depth: Not known.<	Resource number:	1/20	92: 5 C MS 8	Rochford
OS sheet reference: National grid ref: SO 66 SW 362036, 265027 Image: Solid	Resource name:	Nineveh	Grave	
National grid ref: 362036, 265027 National grid ref: 362036, 265027 Besource description: Resource description: Resource description: Resource description: BGS data indicates that this is Bank Farm sand and gravel. No further information available in the BGS memoirs. Assessment of resource for the second consultation on MLP (Autum 2013) Commentary: A large resource area with little built development. Resource area: 223 ha Resource depth: Not known. resource: Consider in defining areas of search. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known. Resource area: 223 ha Resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known. Resource area: 223 ha Resource for the Third Stage consultation on MLP (August 2018) Resource area: 223 ha Resource depth: Not known. Resource area: 223 ha Resource for the Third Stage consultation on MLP (August 2018) Resource area: 223 ha Resource depth: Not known. Revised estimate of No change to the assessment. Resource area: 223 ha Resource depth: Not known Revised estimate of No change to the assessment. Resource area is 223 ha Resource area is 223 ha Resource area: 223 ha Resource area: 223 ha Resource area: 223 ha Resource area is 223 ha Resource area as a split into areas 1/20 and 1/20b.	Location		Hilltop Fm Fm	
Resource description: Resource description: Resource description: Resource description: Resource description: Resource description: Resource description: Resource description: Resource advection of the second consultation on MLP (Autumn 2013) Commentary: A large resource area with little built development. Resource area: 223 ha Resource for the second consultation on MLP (Spring 2015) Resource area: 223 ha Resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource for the Third Stage consultation on MLP (August 2018) Conclusion: Significant. Conclusion: Significant. Resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource for the Third Stage consultation on MLP (August 2018) Conclusion: Significant. Conclusion: Significant. Consider in defining areas of search. Resource for the Third Stage consultation on MLP (August 2018) Resource area: Conclusion: Significant. Consider in defining areas of search. Resource for the Third Stage consultation on MLP (August 2018) Resource area: Conclusion: Significant. Consider in defining areas of search. Resource for the Third Stage consultation on MLP (August 2018) This resource: Conclusion: Significant. Consider in defining areas of search. Consider in defining areas of search. Resource area: Significant. Consider in defining areas of search. Consider in defining areas of search.	OS sheet reference:	SO 66 SW	The	
Resource description: BGS data indicates that this is Bank Farm sand and gravel. No further information available in the BGS memoirs. Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A large resource area with little built development. Resource area: 223 ha Resource depth: Not known Crude estimate of resource: Depth not known. Conclusion: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource depth: Not known Resource depth: Not known Conclusion: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource depth: Not known Revised estimate of resource for the assessment. resource: Conclusion: Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	National grid ref:	362036, 265027	Curral Hall Pool HousevEm Pool HousevEm Protection Brohen Honeycomber Fm Denved from 1:50,000 ecale BGS L under Licence 2001/125, Amended British Géological Survey © NERC	The second secon
memoirs. Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A large resource area with little built development. Resource area: 223 ha Resource depth: Not known Crude estimate of Depth not known. resource: Conclusion: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Resource area: 223 ha Conclusion: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Revised estimate of No change to the assessment. resource: Conclusion: Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Resource description:			
Commentary: A large resource area with little built development. Resource area: 223 ha Resource depth: Not known Crude estimate of Depth not known. resource: Conclusion: Significant. Consider in defining areas of search. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Resource depth: Not known Resource depth: Not known Resource depth: Not known Revised estimate of resource in the assessment. Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Resource description:		t this is Bank Farm sand and	d gravel. No further information available in the BGS
Resource area: 223 ha Resource depth: Not known Crude estimate of Depth not known. resource: Conclusion: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Revised estimate of No change to the assessment. resource: Conclusion: Significant. Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Assessment of resource	e for the second consul	tation on MLP (Autumn 20	013)
Resource depth: Not known Crude estimate of resource: Depth not known. Conclusion: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Revised estimate of resource for the assessment. No change to the assessment. Conclusion: Significant. Conclusion: Significant. Conclusion: Significant. Conclusion: Significant. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Commentary:	A large resource area w	vith little built development.	· · ·
Crude estimate of resource: Depth not known. Conclusion: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Revised estimate of resource: No change to the assessment. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Resource area:	223 ha	•	
resource: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Revised estimate of resource: No change to the assessment. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Resource depth:	Not known		
resource: Conclusion: Significant. Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Revised estimate of resource: No change to the assessment. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Crude estimate of	Depth not known.		
Consider in defining areas of search. Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Revised estimate of resource: No change to the assessment. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	resource:			
Assessment of resource for the Third Stage consultation on MLP (Spring 2015) Resource area: 223 ha Resource depth: Not known Revised estimate of No change to the assessment. resource: Image: Conclusion: Significant. Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Conclusion:	Significant.		
Resource area: 223 ha Resource depth: Not known Revised estimate of resource: No change to the assessment. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.			eas of search.	
Resource depth: Not known Revised estimate of resource of the assessment. No change to the assessment. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Assessment of resource	e for the Third Stage co	nsultation on MLP (Spring	g 2015)
Revised estimate of resource: No change to the assessment. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Resource area:	223 ha		
Revised estimate of resource: No change to the assessment. Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Resource depth:	Not known		
resource: Conclusion: Significant. Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Revised estimate of	No change to the asses	ssment.	
Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	resource:	-		
Assessment of resource for the Fourth Stage consultation on MLP (August 2018) This resource area has been split into areas 1/20 and 1/20b.	Conclusion:	Significant.		
This resource area has been split into areas 1/20 and 1/20b.	Assessment of resource	0	onsultation on MLP (Augu	ust 2018)
			· · · ·	
				Resource area 1/20b

Resource area:	222 ha	Commentary:	Screened out due to the following
Resource depth:	Not known		appendix A criterion:
Revised estimate of resource:	Depth not known.		 Listed Buildings Scheduled Ancient Monuments
Conclusion:	Significant resource	Conclusion:	Compromised

Overview	
Resource number:	1/21 Crown copyright and
Resource name:	Kyrewood 1/22 database rights 2018 Works 1/22 1/22
Location	1/22 100024230
OS sheet reference:	SO 66 SW
National grid ref:	361407, 267713
Resource description:	
Resource description:	BGS data indicates that this is Bank Farm sand and gravel. No further information available in the BGS memoirs.
Resource description:	memoirs.
Resource description:	•
Resource description: Assessment of resource	memoirs. e for the second consultation on MLP (Autumn 2013)
Resource description: Assessment of resource Commentary:	memoirs. te for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road.
Resource description: Assessment of resource Commentary: Resource area:	memoirs. Se for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha
Resource description: Assessment of resource Commentary: Resource area: Resource depth:	memoirs. e for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of	memoirs. e for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of resource:	memoirs. See for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known Depth not known.
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of resource: Conclusion:	memoirs. e for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known Depth not known. Not significant: Small deposit with no information to estimate the resource in this area.
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of resource: Conclusion:	memoirs. The second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known Depth not known. Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search.
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of resource: Conclusion: Assessment of resource	memoirs. The for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known Depth not known. Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. The for the Third Stage consultation on MLP (Spring 2015)
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of resource: Conclusion: Assessment of resource Resource area:	memoirs. The second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known Depth not known. Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. The Third Stage consultation on MLP (Spring 2015) 50 ha
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of resource: Conclusion: Assessment of resource Resource area: Resource depth:	memoirs. e for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known Depth not known. Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. te for the Third Stage consultation on MLP (Spring 2015) 50 ha Not known
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of resource: Conclusion: Assessment of resource Resource area: Resource depth: Revised estimate of resource: Conclusion:	memoirs. te for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known Depth not known. Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. te for the Third Stage consultation on MLP (Spring 2015) 50 ha Not known No change to the assessment. Not significant.
Resource description: Assessment of resource Commentary: Resource area: Resource depth: Crude estimate of resource: Conclusion: Assessment of resource Resource area: Resource depth: Revised estimate of resource: Conclusion: Assessment of resource	memoirs. e for the second consultation on MLP (Autumn 2013) A small resource area intersected by a road. 50 ha Not known Depth not known. Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. e for the Third Stage consultation on MLP (Spring 2015) 50 ha Not known No change to the assessment.

Overview		
Resource number:	1/22	Crown copyright and
Resource name:	Monk's Bridge	database rights 2018 Ordnance Survey
Location		100024230
OS sheet reference:	SO 66 SW	Derived)from 1:50,000
National grid ref:	361042, 268378	scaleBGS Digital Data: under Licence 2001/125
_		Amended British
		Geological Suiver
		With and a start of the start o
		Compromised
		Kyrzweed Not Significant
Resource description:		
Resource description:	Undifferentiated river te	errace. No further information available in the BGS memoirs.
Assessment of resource	e for the second consu	tation on MLP (Autumn 2013)
Commentary:		with a road running along the northern edge. Little other built development.
Resource area:	27 ha	
Resource depth:	Not known	
Crude estimate of	Depth not known.	
resource:		
Conclusion:		eposit with no information to estimate the resource in this area.
		defining areas of search.
		nsultation on MLP (Spring 2015)
Resource area:	27 ha	
Resource depth:	Not known	
Revised estimate of	No change to the asse	ssment.
resource:		
Conclusion:	Not significant.	
		onsultation on MLP (August 2018)
Not reasoneed due to re-	source not being classifi	ed as Key or Significant in the Third Stage Consultation.

Overview		
Resource number:	1/23	© Crown copyright and
Resource name:	Westbrook	database rights 2018
Location		100024230
OS sheet reference:	SO 56 NE	Derived from 1:50,000
National grid ref:	355726, 267395	scaleBGS Digital Data under Licence 2004/125
		Geological Survey
		© NERC: 14
		1/23
		Compromised Out of County
		Significant
Resource description:		
Resource description:	BGS data indicates that	this is Little Hereford sand and gravel. No further information available in the BGS
	memoirs.	
		tation on MLP (Autumn 2013)
Commentary:		a intersected by roads. The deposit extends to a small extent over the county
		s not considered as part of the resource area.
Resource area:	61 ha ¹	
Resource depth:	Not known	
Crude estimate of	Depth not known.	
resource: Conclusion:	Significant.	
Conclusion:	Consider in defining area	as of soarch
Assessment of resource		nsultation on MLP (Spring 2015)
Resource area:	$\frac{101}{61}$ ha ²	
Resource depth:	Not known	
Revised estimate of	No change to the asses	sment.
resource:		
Conclusion:	Significant.	

¹ In previous versions, this figure was incorrectly recorded as 62 ha due to the resource extending beyond the county boundary. ² In previous versions, this figure was incorrectly recorded as 62 ha due to the resource extending beyond the county boundary.

Assessment of resource for the Fourth Stage consultation on MLP (August 2018)				
This resource area has been split	into areas 1/23 and 1/23a.			
Resource area 1/23 Resource area 1/23a				
Resource area:	60 ha	Commentary:	Commentary: Screened out due to the following	
Resource depth:	Not known	appendix A criterion:		
Revised estimate of resource:	Depth not known Ancient Semi-Natural Woodland			
Conclusion:	Significant resource Conclusion: Compromised			

Overview	
Resource number:	1/24
Resource name:	Rochford Vieto
Location	OU OU
OS sheet reference:	SO 66 NE
National grid ref:	363442, 268199
Resource description:	
Resource description:	Undifferentiated river terrace deposit. No further information available in the BGS memoirs.
Assessment of resource	e for the second consultation on MLP (Autumn 2013)
Commentary:	A small narrow resource area intersected by a road down the length of the area.
Resource area:	18 ha
Resource depth:	Not known
Crude estimate of resource:	Depth not known.
Conclusion:	Not significant: Small deposit with no information to estimate the resource in this area.
	Not for consideration in defining areas of search.
	e for the Third Stage consultation on MLP (Spring 2015)
Resource area:	18 ha
Resource depth:	Not known
Revised estimate of	No change to the assessment.
resource:	
Conclusion:	Not significant.
	e for the Fourth Stage consultation on MLP (August 2018)
Not reassessed due to re	source not being classified as Key or Significant in the Third Stage Consultation.

Overview		
Resource number:	1/25	Bridge States Q.Crown copyright and
Resource name:	Newnham Court	database rights 2018 Ordhance Survey
Location		New Year Ine Is bost inn 100024230
OS sheet reference:	SO 66 NE	New that the state state state base base base base base base base bas
National grid ref:	364275, 268678	Reserved in the model of the mo
Resource description:		
Resource description:	Undifferentiated river te	errace deposit. No further information available in the BGS memoirs.
Assessment of resource	e for the second consu	Itation on MLP (Autumn 2013)
Commentary:	A small resource area	with little built development.
Resource area:	15 ha	
Resource depth:	Not known	
Crude estimate of resource:	Depth not known.	
Conclusion:	Not significant: Small d	eposit with no information to estimate the resource in this area.
		defining areas of search.
Assessment of resource	e for the Third Stage co	onsultation on MLP (Spring 2015)
Resource area:		
	15 ha	
Resource depth:	_ <u>15 ha</u> Not known	
Resource depth: Revised estimate of		essment.
-	Not known	essment.
Revised estimate of	Not known	essment.
Revised estimate of resource: Conclusion: Assessment of resource	Not known No change to the asse Not significant. e for the Fourth Stage of	essment. consultation on MLP (August 2018) ed as Key or Significant in the Third Stage Consultation.

Overview		
Resource number:	1/26	Crown copyright and
Resource name:	Tunnel Coppice	database rights 2018
Location		10002d2230
OS sheet reference: National grid ref:	SO 66 NE 364780, 270145	1/26 Tunnel Coppice Tunnel Coppice
Resource description:		
Resource description:	A 2 nd river terrace depo	sit. No further information available in the BGS memoirs.
Assessment of resource		tation on MLP (Autumn 2013)
Commentary:	A small resource area	with little built development.
Resource area:	12 ha	
Resource depth:	Not known	
Crude estimate of resource:	Depth not known.	
Conclusion:	Not significant: Small d	eposit with no information to estimate the resource in this area.
		defining areas of search.
Assessment of resource		nsultation on MLP (Spring 2015)
Resource area:	12 ha	
Resource depth:	Not known	
Revised estimate of	No change to the asses	ssment.
resource:	-	
Conclusion:	Not significant.	
		onsultation on MLP (August 2018)
Not reassessed due to reast	source not being classifie	ed as Key or Significant in the Third Stage Consultation.

Overview		
Resource number:	1/27	Grown copyright and
Resource name:	Eardiston	detabase rights 2018 Ordnance Survey
Location		100024230
OS sheet reference:	SO 66 NE	52m Derived From 450,008
National grid ref:	369286, 268179	Eardiston House 1/27 1/27 ScaleBGS Digital Data Geological Stavey e NERC Mill Lane Industrial Estate 7/2 Compromised Net Significant
Resource description:		
Resource description:	2 nd terrace sand and gra	vel. Exposures are scarce and there are no details of depth in this location.
Assessment of resourc	e for the second consult	tation on MLP (Autumn 2013)
Commentary:	A small resource area w	ith dispersed development across the area.
Resource area:	11 ha	
Resource depth:	Not known	
Crude estimate of resource:	Depth not known	
Conclusion:		posit with no information to estimate the resource in this area.
	Not for consideration in a	
Assessment of resourc		nsultation on MLP (Spring 2015)
Resource area:	11 ha	
Resource depth:	Not known	
Revised estimate of	No change to the asses	ssment.
resource:		
Conclusion:	Not significant.	
Assessment of resourc	e for the Fourth Stage co	onsultation on MLP (August 2018)
		d as Key or Significant in the Third Stage Consultation.

Overview		
Resource number: Resource name:	1/28 Around Broomy Hill and Areley Kings	STOURPO ON SEVERN ON SEVERN U0024230
Location		Goneygreen
OS sheet reference: National grid ref:	SO 87 SW, SO 77 SE 380182, 270952	HI HI HI HI HI HI HI HI HI HI
Resource description:		
Resource description:	(1.8m) and 14'8" (4.5m) This deposit is underlair) sand and gravel. The BGS memoirs state that 1 st terrace varies in depth between 6' in the Stourport area. by solid sand resources, which are assessed separately as resource area 1/32. th based on midpoint of 1 st terrace deposit in Stourport Area 1.8m to 4.5m = 3.2m
Assessment of resourc		ation on MLP (Autumn 2013)
Commentary:		vith some built development in the west.
Resource area:	30ha	·
Resource depth:	Estimated 3.2m	
Crude estimate of resource:	Area: 30 ha x average d Estimated resource volu Estimated resource to	epth: 3.2 m ÷ 2 me: 480,000 m ³ n nage (at 2 t/m³): 960,000 tonnes
Conclusion:	Significant. Consider in defining are	as of search.
Assessment of resourc	e for the Third Stage cor	sultation on MLP (Spring 2015)
Resource area:	30ha	
Resource depth:	Estimated 3.2m	
Revised estimate of	Area: 30 ha x average de	epth: 3.2 m ÷ 2
resource:	Estimated resource volu	
	Estimated resource tor	nage (at 1.65 t/m ³): 792,000 tonnes

Conclusion: Signific	cant.		
Assessment of resource for the	• Fourth Stage consultation on MLP (Aug	ust 2018)	
This resource area has been split	into areas 1/28 and 1/28a.		
Reso	ource area 1/28		Resource area 1/28a
Resource area:	25 ha	Commentary:	Screened out due to the following
Resource depth:	Estimated 3.2m		appendix A criterion:
Revised estimate of resource:Area: 25 ha x average depth: 3.2 mEstimated resource volume: 400,000Estimated resource volume: 400,000Estimated resource tonnage (at 1.0 t/m³): 660,000 tonnes			 Conservation Area Listed Buildings Settlement Boundaries
Conclusion:	Significant resource	Conclusion:	Compromised

Overview		
Resource number:	1/29 The Durf	Aster Burt Aster Burt Aster Burt
Resource name:	The Burf	as Matter Jan Control Advisor Control Advisor
Resource area:	10ha	S. syndds
Resource depth:	Estimated 6.3m	Derived from 1.50,000 scaleBGS Digitat Data
Location		under Licence 2001/125.
OS sheet reference: National grid ref:	SO 86 NW 381154, 267623	Antrea (Decision) Componied Net Significant
Resource description:		
Resource		, 2 nd terrace (Worcester) and 3 rd terrace (Holt Heath) sand and gravel. Extensively
description:		Iley Sand and Gravel Company Ltd. The 3 rd terrace was worked to a depth of 8m and
	the 2 nd and 1 st terraces to	
	(Estimated resource dept	th based on mean average of a) 1 st and 2 nd terrace depths (mid-point of 4m to 5m =
	4.5m) and b) 3 rd terrace of	
		ation on MLP (Autumn 2013)
Commentary:		nich is part of a deposit which has been extensively worked. Worked areas are not
	•	source area. This resource area is compromised by the settlement of The Burf with
		posit remaining. The deposit also continues beyond the former working over 500m to $\frac{1}{2}$ and to the parth west updat. Arbay Kinga (resource area $\frac{1}{2}$)
Crude estimate of	Area: 10 ha x average de	area 1/3) and to the north west under Arley Kings (resource area 1/3a).
	Estimated resource volum	
resource:		nage (at 2 t/m ³): 630,000 tonnes
Conclusion:	Significant.	naye (at 2 mm). 000,000 tonnes
	Consider in defining area	s of search
Assessment of resource		nsultation on MLP (Spring 2015)
Revised estimate of	Area: 10 ha x average de	
resource:	Estimated resource volu	
		nnage (at 1.65 t/m ³): 519,750 tonnes
Conclusion:	Change to conclusion: N	

Assessment of resource for the Fourth Stage consultation on MLP (August 2018) Not reassessed due to resource not being classified as Key or Significant in the Third Stage Consultation.

Overview Resource name: North of Great Witley Location Image: Comparison of Great Witley OS sheet reference: SO 76 NE, SO 77 SE National grid ref: SO 76 NE, SO 77 SE 376472, 266762 Great Witley Image: Comparison of Great Witley Image: Comparison of Great Witley Organ: Comparison of Great Witley Image: Comparison of Great Witley Organ: Comparison of Great Witley Image: Comparison of Great Witley Organ: Comparison of Great Witley Image: Comparison of Great Witley Witlmoor formation solid sand. The memori records that the junction between trias and old red sandstone is not easy to determine in this area. No information about thicknesses available for this area. Assessment of resource for the second consultation on MLP (Autumn 2013) Commentary: A large resource area, a small section of which is overlain by the village of Great Witley in the west. The
Resource name: North of Great Witley Location SO 76 NE, SO 77 SE National grid ref: SO 76 NE, SO 77 SE 376472, 266762 Abber 1 Mational grid ref: SO 76 NE, SO 77 SE Resource description: Resource description: Resource description: Wildmoor formation solid sand. The memoir records that the junction between trias and old red sandstone is not easy to determine in this area. No information about thicknesses available for this area. Assessment of resource docorced consultation on MLP (Autum 2013) Commentary: A large resource area, a small section of which is overlain by the village of Great Witley in the west. The
Location OS sheet reference: National grid ref: SO 76 NE, SO 77 SE 376472, 266762 Abberleve Abberleve Abberleve The memory of the me
OS sheet reference: National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: SO 76 NE, SO 77 SE 376472, 266762 National grid ref: So 76 NE, SO 77 SE 376472, 266762 National grid ref: So 76 NE, SO 77 SE 376472, 266762 National grid ref: So 76 NE, SO 77 SE 376472, 266762 National grid ref: So 76 NE, SO 77 SE 376472, 266762 National grid ref: So 76 NE, SO 77 SE 376472, 266762 National grid ref: So 76 NE, SO 77 SE 376472, 266762 National grid ref: So 76 NE, SO 77 SE 376472, 266762 New So 2007/2007/2007/2007/2007/2007/2007/2007
Resource description: Wildmoor formation solid sand. The memoir records that the junction between trias and old red sandstone is not easy to determine in this area. No information about thicknesses available for this area. Assessment of resource for the second consultation on MLP (Autumn 2013) A large resource area, a small section of which is overlain by the village of Great Witley in the west. The
Resource description: Wildmoor formation solid sand. The memoir records that the junction between trias and old red sandstone is not easy to determine in this area. No information about thicknesses available for this area. Assessment of resource for the second consultation on MLP (Autumn 2013) A large resource area, a small section of which is overlain by the village of Great Witley in the west. The
Assessment of resource for the second consultation on MLP (Autumn 2013)Commentary:A large resource area, a small section of which is overlain by the village of Great Witley in the west. The
resource area is also intersected by roads and dispersed built development.
Resource area: 130ha
Resource depth: Not known
Crude estimate of Depth not known
resource:
Conclusion: Significant.
Consider in defining areas of search.
Assessment of resource for the Third Stage consultation on MLP (Spring 2015)
Resource area: 130ha
Resource depth: Not known
Revised estimate of No change to the assessment. resource: Image: Comparison of the assessment of
Conclusion: Significant.

Assessment of resource for the	Fourth Stage consultation on	MLP (August 2018)	
This resource area has been split	into areas 1/30 and 1/30a.		
Resc	ource area 1/30		Resource area 1/30a
Resource area:	126 ha	Commentary:	Screened out due to the following
Resource depth:	Not known		appendix A criterion:
Revised estimate of resource:	Depth not known		 Ancient Semi-Natural Woodland Listed Buildings Registered Park and Garden Settlement Boundary
Conclusion:	Significant resource	Conclusion:	Compromised

Overview	
Resource number:	1/31
Resource name:	Red Hill Hales
Location	Park
OS sheet reference: National grid ref:	SO 77 SE 378823, 274503
Resource description:	Certanance Survey Industries TOTO
Resource description:	Kidderminster formation solid sand. Exposures in this area show the interbedding of pebbly sandstones with bands of breccia. No information on depths available for this location in the BGS memoirs.
Assessment of resourc	ce for the second consultation on MLP (Autumn 2013)
Commentary:	A small resource area intersected by roads with some dispersed built development.
Resource area:	30ha
Resource depth:	Not known
Crude estimate of	Depth not known.
Since connate Vi	
resource:	
	Not significant: Small deposit with no information to estimate the resource in this area.
resource:	•
resource: Conclusion:	Not significant: Small deposit with no information to estimate the resource in this area.
resource: Conclusion:	Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search.
resource: Conclusion: Assessment of resourc	Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. ce for the Third Stage consultation on MLP (Spring 2015)
resource: Conclusion: Assessment of resourc Resource area:	Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. ce for the Third Stage consultation on MLP (Spring 2015) 30ha
resource: Conclusion: Assessment of resourc Resource area: Resource depth:	Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. ce for the Third Stage consultation on MLP (Spring 2015) 30ha Not known
resource: Conclusion: Assessment of resourc Resource area: Resource depth: Revised estimate of	Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. ce for the Third Stage consultation on MLP (Spring 2015) 30ha Not known
resource: Conclusion: Assessment of resource Resource area: Resource depth: Revised estimate of resource: Conclusion:	Not significant: Small deposit with no information to estimate the resource in this area. Not for consideration in defining areas of search. ce for the Third Stage consultation on MLP (Spring 2015) 30ha Not known No change to the assessment.

Overview			
Resource number:	1/32	The second	
Resource name:	South of Stourport	Bennik Buni End Bennik Buni End Hadi Avaa	
Location		Bisso Currentitioners and Current Curr	
OS sheet reference:	SO 77 SE, SO 87 SW, SO 76 NE, SO 86 NW	Live ind particular and the second particula	
National grid ref:	380071, 270083	benved from 1 50,060 scale BCS Digital Data British Geological Survey (NERC) British Geological Sur	
Resource description:			
Resource description:	This resource area is n	napped as Wildmoor Sandstone Formation.	
	In this part of the county there are large areas of Wildmoor Formation and Kidderminster Formation solid sand of considerable geological complexity and although the resource area is mapped as Wildmoor Formation there may be some overlap with the Kidderminster Formation.		
	The Kidderminster and Wildmoor sandstones are partially by terrace and glacial sand and gravel deposits (assessed as resource areas 1/3 and 1/28).		
	Wildmoor Formation		
	The Wildmoor Formation is generally described as red-brown and orange, fine to medium grained, feldspathic sandstone with sparse, thin mudstone beds. Generally the formation is characterised by an absence of pebbles, in contrast to the Kidderminster Formation, although sparse pebbly stringers are recorded. The fine grain-size and soft, poorly cemented, nature of the sandstone in some areas made it ideal for exploitation as moulding sand for use in the foundry industry.		
	some information about	t the Wildmoor Sandstone Formation ranges in thickness from 90m-120m. There is it some sections of the deposit in this area: he outcrop of Wildmoor formation (Upper Mottled Sandstone) is capped to the west by	

	•	an outlier of Bromsgrove sandstone To the south of the Gladder Brook t Longmore Hill Farm, Astley where t	here are exposures	around	Areley Kings and southwards to
		ted resource depth calculated as a 105m), b) south of the Gladder Bro			oir range (median average of 90m to
Assessment of resource	ce for the	e second consultation on MLP (A	utumn 2013)		
Commentary:	A large resource area intersected by roads, with some dispersed development. The deposit extends under the settlement of Areley Kings (assessed as resource area 1/33).			elopment. The deposit extends under the	
Resource area:	490ha				
Resource depth:		ed 121.7m			
Crude estimate of	Area: 490 ha x average depth: 121.7 m ÷ 2				
resource:	Estimated resource volume: 298,165,000 m ³				
	Estimated resource tonnage (at 2 t/m ³): 596,330,000 tonnes				
Conclusion:	Significant – key resource.				
		define areas of search.			
	ce for the	Third Stage consultation on ML	P (Spring 2015)		
Resource area:	490ha				
Resource depth:		ed 121.7m			
Revised estimate of	Area: 4	90 ha x average depth: 121.7 m ÷ 2	2		
resource:	Estimated resource volume: 298,165,000 m ³				
		ted resource tonnage (at 1.65 t/m	1 ³): 491,972,250 ton	nes	
Conclusion:		ant – key resource.			
		Fourth Stage consultation on M	LP (August 2018)		
This resource area has l		into areas 1/32 and 1/32a.			
	Reso	urce area 1/32			Resource area 1/32a
Resource area:		384 ha	Commen	tary:	Screened out due to the following
Resource depth:		Not known			appendix A criterion:
Revised estimate of re	source:	Depth not known			 Allocated site in Wyre Forest
					Core Strategy
					 Conservation Area Listed Buildings Settlement Boundary
Conclusion:		Significant resource	Conclusi	on:	Compromised

Overview			
Resource number:	1/33		
Resource name:	Areley Kings		
Resource area:	123 ha		
Resource depth:	Estimated 121.7m	Wood	
Location	0.0. TO N.T. 0.0. TT		
OS sheet reference:	SO 76 NE, SO 77 SE, SO 86 NW, SO 87 SW	2/23	
National grid ref:	380164, 270111	1/3 45 45 82 Hall Derwed from 1 50,000 seale BGS Digital Data under tricence 2001/1264 Amended, British Geological Survey C NERC British Geological Survey C NERC O Crown copyright and tratebase rights 201832b Ordnapse Survey 100024230	
Resource description:			
Resource description:	This resource area is m	apped as Wildmoor Sandstone Formation.	
	In this part of the county there are large areas of Wildmoor Formation and Kidderminster Formation solid sand of considerable geological complexity and although the resource area is mapped as Wildmoor Formation there may be some overlap with the Kidderminster Formation.		
		Wildmoor sandstones are partially but extensively overlain by terrace and glacial sand sessed as resource areas 1/3a and 43/1)	
	Wildmoor Formation		
	The Wildmoor Formation is generally described as red-brown and orange, fine to medium grained, feldspathic sandstone with sparse, thin mudstone beds. Generally the formation is characterised by an absence of pebbles, in contrast to the Kidderminster Formation, although sparse pebbly stringers are recorded. The fine grain-size and soft, poorly cemented, nature of the sandstone in some areas made it ideal for exploitation as moulding sand for use in the foundry industry.		
	some information about	the Wildmoor Sandstone Formation ranges in thickness from 90m-120m. There is some sections of the deposit in this area: e outcrop of Wildmoor formation (Upper Mottled Sandstone) is capped to the west by	

	an outlier of Bromsgrove sandstone faulted on its west side against the sandstone.
	 To the south of the Gladder Brook there are exposures around Areley Kings and southwards to
	Longmore Hill Farm, Astley where the deposits are recorded as 454' (138.4m) thick.
	(Estimated resource depth calculated as a mean average of: a) memoir range (median average of 90m to
	120m = 105m), b) south of the Gladder Brook: 138.4m = 121.7m)
Assessment of resource	e for the second consultation on MLP (Autumn 2013)
Commentary:	A large resource area compromised by the development of Areley Kings.
Crude estimate of	Area: 123 ha x average depth: 121.7 m ÷ 2
resource:	Estimated resource volume: 74,845,500 m ³
	Estimated resource tonnage (at 2 t/m ³): 149,691,000 tonnes
Conclusion:	Compromised by development.
Assessment of resourc	e for the Third Stage consultation on MLP (Spring 2015)
Revised estimate of	Area: 123 ha x average depth: 121.7 m ÷ 2
resource:	Estimated resource volume: 74,845,500 m ³
	Estimated resource tonnage (at 1.65 t/m ³): 123,495,075 tonnes
Conclusion:	Compromised by development.
Assessment of resourc	e for the Fourth Stage consultation on MLP (August 2018)
Not reassessed due to re	esource not being classified as Key or Significant in the Third Stage Consultation.