## Minerals Need Assessment 2021

Annex

**Herefordshire Minerals and Waste Local Plan** 

### **Annex**

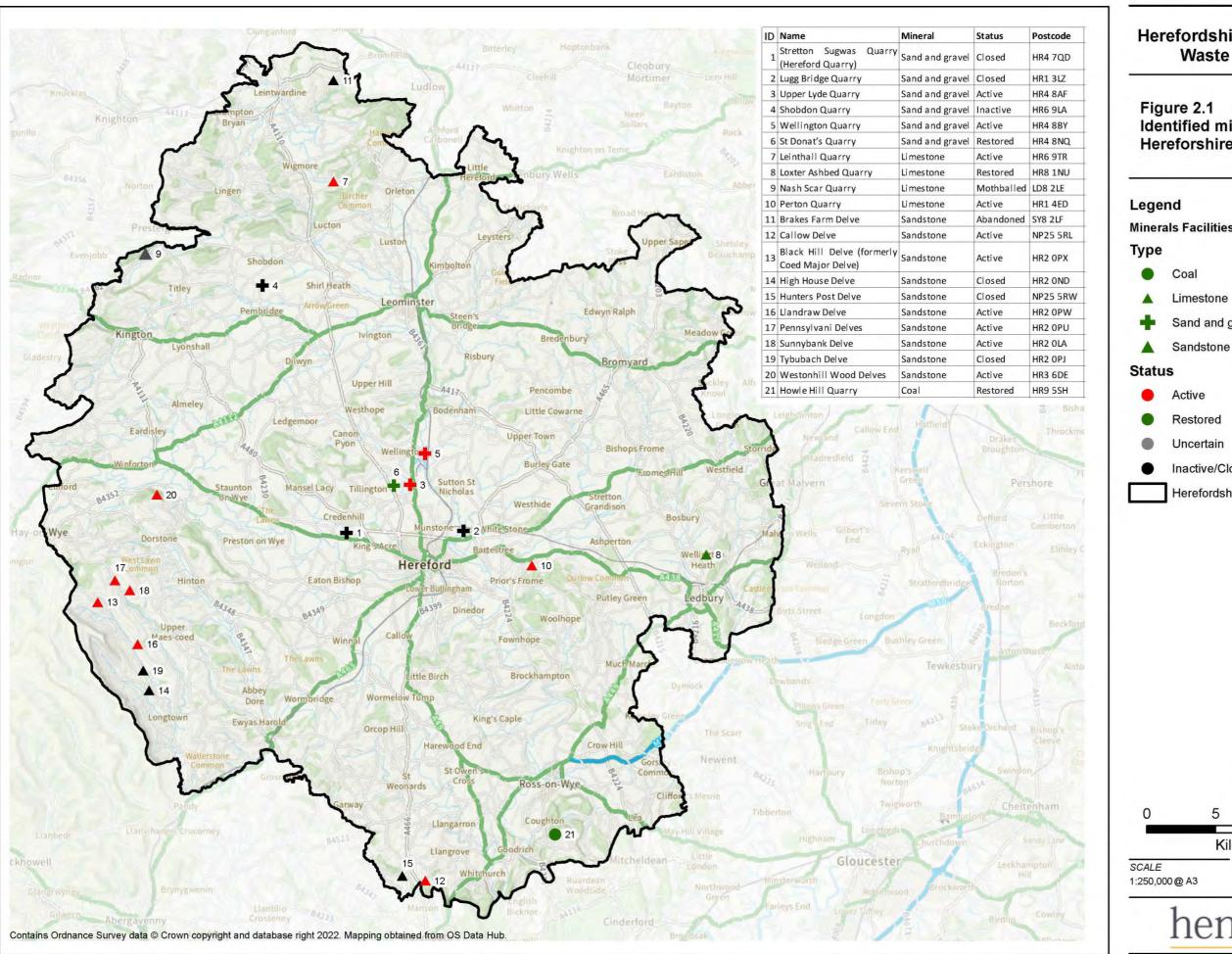
- **Annex A** Figure 2.1 Identified Mineral Sites, Herefordshire, 2021
- **Annex B** Consumption of total sand and gravel (land-won and marine-dredged) for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2019
- Annex C Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2019

The contents of this document are all designed to be printed at A3.

## Annex A

Figure 2.1 Identified Mineral Sites, Herefordshire, 2021





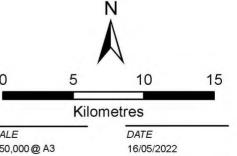
### **Herefordshire Minerals and Waste Local Plan**

Identified mineral sites Hereforshire, 2021

#### **Minerals Facilities**

- Sand and gravel

- Inactive/Closed
- Herefordshire County Boundary





### Annex B

Consumption of total sand and gravel (land-won and marine-dredged) for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2019 https://www.gov.uk/government/publications/aggregate-minerals-survey-for-england-and-wales-2019

**Herefordshire Minerals and Waste Local Plan** 

Consumption of total sand and gravel (land-won and marine-dredged) for aggregate use in 2019 identifying for each-sub-region the principal supplying Mineral Planning Authoritie

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	Gloucestershire County Council		-	*130		
	Somerset County Council					
	Wiltshire Council	- 1-				
South East	Brighton and Hove				3	
	Buckinghamshire County Council  East Sussex County Council					
	Hampshire County Council					
	Isle of Wight Council					
	Kent County Council					
	Medway Council			_		
	Milton Keynes Council New Forest National Park					
	Oxfordshire County Council		-			
	Portsmouth City Council					
	South Downs National Park					
	Southampton City Council		_	_		
	Surrey County Council West Berkshire Council					
	West Sussex County Council					
	Windsor & Maidenhead					
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			-			
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North Wales	Flintshire					
North Wales						

Source: 2019 Aggregate Minerias Survey

## Annex C

Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2019

https://www.gov.uk/government/publications/aggregate-minerals-survey-for-england-and-wales-2019



### Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities

Consumption of crushed rock for aggregate use in 2019 identifying for each sub-region the principal supplying Mineral Planning Authorities

														Destin	ation sub-	region				7									
		Bed (ordshire (Central Bed (ordshire, Bed ford and Luton)	Cambridgeshire and Peterborough	Essex, Southend and Thurrock	Herdordshire	Norfolk	Suttolk	Unknown bus somewhere in the East of England	Derbyshire and Peak District National Park	Leicestershire and Rusiand	Lincolnshing	Northamptonstare	Nottinghamsbire	Unknown but somewhere in the East Middend's	Mainland Europe	East London	West read to	unknown but somewhere in Greiser Lendon	Durham	Northumberland and the National Park	7ees Valley	Tyrre and Wear	Unknown but samewhere in the North East	Cheshire (Cheshire West and Chester, and Cheshire East)	Cumbris and Lake District National Park	Greater Manchester. Merseyside, Halton & Werrington	Lancashirs, Blackpool and Blackburn with Darwen	Unknown but somewhere in the North West	Scotland
Source AWP	Source MPA	EENI	EEN7	EEN3	EEN4	EEN5	EENE	EENZ.	EMDI	EMD2	EMID3	EMD4	EMDS	EMD6	EUR1	1.001	LONZ	LDN3	NEAL	NEAZ	NEA3	NEA4	NEA5	NWEL	NWEZ	NWE3	NWE4	NWES	SETI
South West	Ourside England and Wales Comwall Council  Darmoor National Parle Devon Country Council  Dorset Council  Sieucestershire Councy Council  North Someleset Council  Pyrmouth City Council	×1%	<1% <1%		<1%	50-60%	30-40% <1%		<1% <1%			<1% <1%				40-50%	15-20%	40-50%	1-10%	1-10%	1-10%	10-20%		1-10%	1-10% <1%	1-10%	<1%		
-	Somerset County Council South Gloucestershire Council liste of Wight Council Kent County Council			1-10%				90-100% 1-10%				<1%				20-30%	50-60%	30-40%											
South East	Kent County Council Oxfordshire County Council Surrey County Council Cambridgeshire County Council	<1%	<1%		<1%	<1%	1-10%			<1%	<1%	1-10%	<1%					1-10% <1%											
East of England	Norfolk County Countil Peterborough Derbyshire County Countil	1-10%		10-20%			<1%		60-70%			<1%				1-10%	1-10%		<1%	<1%				30-49%		10-20%		<1%	
East Midlands	Leicestershine County Council Lincohrshine County Council Northamptonshine County Council Peak District National Park Rutland County Council	70-80% <1% 10-20%		<1%		×1%	50-60% <1% 1-10%		1-10% 20-30%	<1%		30-40% <1% 40-50% <1% 1-10%		90-100%		10-20%	1-10%	1-10%	<1%	42%	<1%	<1%		10-20%	*1%	1-10% 20-30%	<1% <1%		1-1
West Midlands	Hereforeshire Council Shropshire Council Staffordshire County Council Telford and Wrekin Council Warwickshire Council	1-10%	<1% <1%	<1%	1-10%		1-10% <1%		<1% 1-10% ×1% <1%	<1% <1%	<156	<1% 1-10%	<1% 1-10% 10-20% <1%			<1%	1-10%	<1%		·<1%				1-10% 1-10% <1%		1-10% 1-10%	<1%		1-
North West	Bolton Metropolitan Borough Council Cumbria County Council Cake District National Park Lancashre County Council Tameside Metropolitan Borough Countil Warrington Borough Council								<1% <1%		1-10%		<1%						1-10%				1-10%	1-10%	60-70% 10-20% <1%	1-10% 1-10% 1-10%		10-20% <1% 10-20% 50-60% <1% 1-10%	
orkshire & the Humber	Calderdale Metropolitan Borough Council Doncaster Metropolitan Borough Council East Riding of Yorkshire Council Kirkless Council								1-10% ×1%	×1%	1-10%		10-20%						1-10%		50-50%	<1%	19-20%			<1%	<1%		
	Wakefield Metropolitan Borough Council Yorkshire Dales National Park City of Sunderland Council Dorham County Council	1-10%	1-10%		<1%	×1%			<1%		<1%		<1%				<1%		<2% 80-90%	<1% 19-20%	<1%	30-40% 20-30%	40-50%	<1%	1-10%	10-20%	1-10%		10-
North East	Hardepool Borough Countil Northumberland County Council Northumberland National Park South Typeside Council Blaerau Gwent			<1%					×1%				1-10%		40-50%				1-10%		10-20% 10-20% <1%	30-40% <1%	1-10% 30-40%	<1%	1-10%		<1% s1%		1-1
	Briton Bracers National Park Bridgend Caerphilly Carriff County Council Carmarthenshire																												
South Wales	Ceredigion Methyr Tydril Neath Port Talbos Pembrokeshire Pembrokeshire Coast National Park Powys	1-10%	<1%	<1%		1-10%	<1%		<1%		<1%		<1%			<1%	1-10%	<1%	<1%	<1%				<1%	<1%	<1%	<1% <1%		
North Wales	Rhondda, Cynon, Taf (Taff) Vale of Glamorgan Conwy (Aberconwy & Colwyn) Denbighshire Hinshire			₹1%			1-10%								50-60%			<1%		<1%				1-10% <1% <1% 10-20%	<1%	<1% 1-10% <1% 10-20%	<1%	×1%	
	Gwynedd Isle of Anglesey Total conseption (thousand tonnes)			1 582 reach destin	729	515	390	3 907	4753	5 504	1 438	1 552	1 194	559	89	1 188	1 587	1 148		1 444	306	1 037	506	1 512	1 288	4 021	3 541	1-10%	-

s using causionses for each destination sub-region tale percentage of as covar consumption received from Source subpass.

s designed to be read down each column (e.g. between 70-80% of all of the crushed rock consumed in the EENL sub-region was supplied from Leicestershire).

		_											Destin	ation sub-	region										
		Beckshire	Buckinghamshire and Milton Keynes	East Sussex and Brighton and Hove	Mampshire and the lafe of Wight	Kent and Medway	Oxfordshire	Surrey	West Sussex	Unknown but somewhere in the South Eask	West of England (Avon)	Comwall and Isles of Scilly	Devon, Plymouth, Torbay and Dartmoor National Park	Dorset	Gloucestershire	Somerset and Exmoor National Park	Wiltshire and Swindon	Unknown but somewhere in the South West	Unterpwn destination	North East Wales	North West Wales	Unknown but somewhere in North Wales	South East Wates	Remainder of South Wales	Unknown but somewhere in South Wales
Source AWP	Source MPA	SEA1	SEA2	SEA3	SEA4	SEAS	SEA6	SEA7	SEAB	SEA9	SWE1	SWE2	SWE3	SWE4	SWES	SWEE	SWE7	SWE8	UNK1	WLS1	WLS2	WLS3	WLS4	WLS5	WLS6
	Outside England and Wales	1-10%		20-30%	1-10%	50-60%		<1%	1-10%	1-10%			<1%						20-30%						
	Cornwall Council			<1%	1-10%						<1%	90-100%	1-10%	-		<1%		<1%	20-30%					-	-
	Dartmoor National Park Devon County Council				<1%			<1%	- 17		<1%	<1%	10-20% 50-60%	1-10%	<1%	1-10%	<1%	<1%			-			<1%	_
	Porset Council	# = 4		<1%	<1%			170			×139	×170	301009	40-50%		1-10%	×1%	1-10%						178	1
South West	Gloucestershire County Council	<1%		- 4	<1%	<1%	10-20%		<1%		1-10%		<1%	<1%	50-60%	<1%	<1%						1-10%	<1%	
	North Somerset Council	1-10%	<1%	<1%	1-10%		1-10%		<1%	1	80-90%		<1%	1-10%	<1%	1-10%	1-10%						<1%		
	Plymouth City Council	60-70%		50-60%	1-10% 70-80%	- 22	10-20%	70-80%	70-80%	80.300	10-20%	1-10%	10-20%	40-50%	1-10%	×1%	70.004	20-30%							_
	Somerset County Countil South Gloucestershire Council	60-70%		50-60%	70-80%	<1%	1-10%	<1%	70-80%	30-40%	10-20%		<3%	40-30%	30-40%	80-90% <1%					-		<1%	_	-
	Isle of Wight Council				1-10%		1710%	41.0	- 1			-		-	30-404	61/6	2-10%	50-70%				-			
South East	Kent County Council			10-20%	9 00 00 11	40-50%		19-29%							(										
SOUGH CASE	Oxfordshire County Council	1-10%	10-20%		<1%		49-50%	<196		50-60%					<1%		V = 10				-				7
	Surrey County Council Cambridgeshire County Council	<1%	<1%	<1%		<1%	<196	<196	<136																-
East of England	Norfolk County Countil	<1%	<.1%	<1%		<1%	€7.90		41%																-
sum or enginees	Peterborough																				-				
	Derbyshire County Countil	1-10%	30-40%		<1%	<1%	<1%	<196			<1%	<1%			×1%	41%	P - 3 - 1			<1%	<1%		<1%		
	Leicestershire County Council	10-20%	40-50%		<1%	1-10%	19-20%	1-10%	1-10%	517 6	<1%	<1%	<1%	1-10%	<2%	<1%	10-20%			41%	<1%		<1%	<1%	
East Midlands	Lincolnshire County Council Northamptonshire County Council		<1%							1-10%									10-20%						_
2.762.2.2.1	Peak District National Park	+												-	-				10-20%	<1%	-		-		-
	Rutland County Council	1																	1-10%						
	Herefordshire Council		<1%		_ = 10								14		1-10%									×1%	
Company of the Compan	Shropshire Council	1-10%	<1%	<1%	<1%	<1%	1-10%	<1%	1-10%		<1%		<1%		<1%	<1%	<1%			<1%	<1%		<1%	<1%	
West Midlands	Stafford shire County Council Telford and Wrekin Council								15					-						<196					_
	Warwickshire County Council					_	<1%		-					-						<1.00	-				_
	Bolton Metropolitan Borough Council						41.0																		
	Cumbria County Council				J						<1%						1 4		10-20%					E = 1	
North West	Lake District National Park																								
34-110, 1900	Lancashire County Council Tameside Metropolitan Borough Council	-					_	_	_												_				-
	Warrington Borough Council	1							-		-										-				_
	Calderdale Metropolitan Borough Council																2 1							-	
	Doncaster Metropolitan Borough Council														<1%		5		1-10%						
	East Riding of Yorkshire Council	1												_				-	1-10%						-
Yorkshire & the Humber	Kirklees Council.							_	_			_		-	-		-				_				-
Tallyman, a type year men	North Lincolnshire Council								1 1 1					, ,			1							A 17	
	North Yorkshire County Council								1-10%										<1%						
	Wakefield Metropolitan Borough Council	141											-		2										
	Yorkshire Dales National Park Oty of Sunderland Council	-			<1%								<1%	<1%				-	1-10%	<1%	-			-	-
	Durkam County Countil												1.0								-				_
North East	Hartlepool Borough Council								1 111		1														6.00
	Northumberland County Countil					1			<1%															£ '	-
	Northumberland National Park			<1%	<1%	<1%			<1%				-		- 5						-				
-	South Tyneside Council Blaenau Gwent	+			-		-		-		-			-		-					-		1-10%	-	
1	Brecon Beacons National Park														<1%								4-40%		20-309
	Bridgend	111 1			100				1	1 2					<1%	<1%				- 3	1 - 3		10-20%	<190	10-209
	Caerohilly															<1%							1-10%		20-30%
	Cartiff County Council Carmarther shire																				-49		10-20%	30-40%	10-20%
Samuel Co.	Ceredigion				-									-							<1%		1-10%	1-10%	
South Wales	Merthyr Tydfil	100				<1%	41%		-						<1%	<1%	S - 10	<1%					<1%	2,20%	No.
	Neath Port Talbot	1-10%			1						1-10%	-			1-10%	<1%		- 1					1-10%		1-10%
1	Pembrokeshire						-																	10-20%	
	Pembrokeshire Coast National Park Powys		<1%		1-10%	<1%	1-10%	<1%	<1%		1-10%		<1%	1-10%	1-10%	1-10%	1-10%		<1%	1-10%	<1%		1-19%	40-50%	1-109
	Rhondda, Cynon, Taf (Taff)		51%		<1%	×1%	1-10%	*476	120	<136	4-1096	×196	<1%	1-10%	1-10%	<1%	<1%		>1%	2,0%	*1%	1-10%	18-20%	90-30%	1-105
4	Vale of Glamorgan				7 - 7 10	- 38				1.00				1		100		-				- 190	10-20%	<1%	
	Conwy (Abertonwy & Colwyn)			1-10%	1-10%															1-10%	30-40%				
North Wales	Denbighshire Fintshire	-				-			-	-				_			-	-		1-10% 70-30%	<1% 1-10%	10-20%	19-20%	-	-
North Wates	Fintshire Gwynedd							_	-		-									70-80%	10-20%		10-20%	<19	
	Isle of Anglesey									2											40-50%	80-90%			
	Total conseption (thousand tonnes)	885	704	295	588	2.532	515	302	555	512	1 417	832	2 521	287	1 736	7 108	955	2 559	1 434	1 434	873	445	3 993	1 435	1 558

								Destination	sub-region				
		Henefordshire	Shropshire and Telford and Wrekin	Staffordshire	9+1H2XJiwngVV	Worcestershire	Remainder of West Midlands	Unknown but somewhere in the West Midlands	Humber (East Riding, North Lincolnshire and North East Lincolnshire)	North Yorks, Yorkshire Dales and North York Moors National Parks	South Yorkshire	West Yorkshire	somewhere in Yorks & the Humber
Source AWP	Source MPA	WMD1	WMD2	WMD3	WMD4	WMD5	WMD6	WMD7	YHU1	YHU2	ŶHU3	YHU4	YHUS
6.300.0	Outside England and Wales Cornwall Council Dartmoor National Park Devon County Council Dorset Council									1-10%	<1%		
South West	Gloucestershire County Council North Somerset Council Plymouth City Council Somerset County Council South Gloucestershire Council	10-20% <1% 1-10%	<1%		1-10%	10-20% <1% <1%	<1% <1%						
South East	Isle of Wight Council Kent County Council Oxfordshire County Council Surrey County Council Cambridgeshire County Council				1-10%								
East of England	Norfolk County Council Peterborough  Derbyshire County Council		<1%	20-30%	<1%	<1%	30-40%	90-100%	10-20%	1=10%	20-30%	20-30%	
East Midlands	Leicestershire County Council Lincolnshire County Council Northamptonshire County Council Peak District National Park	<1%	1-10%	10-20% 10-20%	50-60% <1%	1-10%	30-40% 10-20%		10-20% <1%	<1%	10- <b>2</b> 0%	1-10%	
West Midlands	Rutland County Council Herefordshire Council Shropshire Council Staffordshire County Council Telford and Wrekin Council	40-50% 1-10% 1-10%	<1% 50-60% <1% 10-20%	<1% 10-20% 10-20% 10-20%	<1% <1% <1% 1-10%	20-30% 20-30% <1% <1%	<1% 10-20% <1% 1-10%		<1%	<1% <1%	<1% <1%	<1%	
	Warwickshire County Council Bolton Metropolitan Borough Council Cumbria County Council Lake District National Park			1-10% <1%	20-30%		<1%			1-10%	<1%	1-10%	
North West	Lancashire County Council Tameside Metropolitan Borough Council Warrington Borough Council									<1%		<1%	
rkshire & the Humbe	Calderdale Metropolitan Borough Council Doncaster Metropolitan Borough Council East Riding of Yorkshire Council Kirklees Council Leeds City Council North Uncolnshire Council			<1%	<1%	<1%			1-10% 1-10% <1%	<1%	60-70% <1%	1-10% 1-10% 1-10%	_
	North Yorkshire County Council Wakefield Metropolitan Borough Council Yorkshire Dales National Park City of Sunderland Council		<1%	<1%					10-20%	60-70% 20-30%	1-10% <1%	1-10% 50-60%	30 30
North East	Durham County Council Hartlepool Borough Council Northumberland County Council Northumberland National Park South Tyneside Council		<1%	<1%	<1%	<1%			<1%	1-10% <1%	<1% <1% <1%	1-10% <1% <1%	
	Blaenau Gwent Brecon Beacons National Park Bridgend Caerphilly Caerdiff County Council Carmarthenshire	<1%			<1%	<1%							
South Wales	Ceredigion Merthyr Tydfil Neath Port Talbot Pembrokeshire Pembrokeshire Coast National Park		<1%	<1%			<1%			<1%	<1%		
	Powys Rhondda, Cynon, Taf (Taff) Vale of Glamorgan Conwy (Aberconwy & Colwyn) Denbighshire	20-30%	20-30%	1-10%	1-10%	30-40%	1-10%		<1%	<1%	<1%	<1% <1%	
North Wales	Denbighshire Flintshire Swynedd Isle of Anglesey		<1% <1%				<1%						
	Total consmption (thousand tonnes)	488	2 530	1 620	1 073	733	1 488	25	979	2 901	2.870	2 342	-