

ID	Site Name	Easting	Northing	Area (new or extended site)	Mineral Type
1	Aldwark South	423688	357060	0.26 km <sup>2</sup>	Industrial Limestone
2	Elvaston	442129	332429	0.5 km <sup>2</sup>	Sand and Gravel
3	Swarkestone North	433932	328022	0.5 km <sup>2</sup>	Sand and Gravel
4	Swarkestone South	432872	327573	0.5 km <sup>2</sup>	Sand and Gravel
5	Foston	418102	330537	0.7 km <sup>2</sup>	Sand and Gravel
6	Sudbury	417112	331063	0.8 km <sup>2</sup>	Sand and Gravel

ID	Site Name	Existing Mineral Site	Potential Mineral Site	EA Flood Zone 1	EA Flood Zone 2	EA Flood Zone 3	Main River Within Site Boundary
1	Aldwark South	✓ + extension		✓			
2	Elvaston	✓ + extension		✓	✓	✓	✓
3	Swarkestone North	✓ + extension		✓	✓	✓	
4	Swarkestone South	✓ + extension		✓	✓	✓	✓
5	Foston		✓	✓	✓	✓	
6	Sudbury		✓	✓	✓	✓	

ID	Site Name	Areas Benefitting from Flood Defences	Flood Warning Areas	Flood Storage Areas	RoFSW (1 in 30 year)	RoFSW (1 in 100 year)	RoFSW (1 in 1000 year)
1	Aldwark South				✓	✓	✓
2	Elvaston	✓	✓		✓	✓	✓
3	Swarkestone North		✓		✓	✓	✓
4	Swarkestone South		✓		✓	✓	✓
5	Foston	✓		✓	✓	✓	✓
6	Sudbury	✓	✓		✓	✓	✓

ID	Site Name	BGS Superficial Geology	BGS Bedrock Geology	Aquifer Designation - Superficial	Aquifer Designation - Bedrock	Source Protection Zone	Goundwater Vulnerability
1	Aldwark South	None recorded	Bee Low Limestone Formation	Unproductive	Principal	✓	High (local information)
2	Elvaston	Hemington Member and Alluvium	Branscombe Mudstone Formation	Secondary A	Secondary B		Medium - High
3	Swarkestone North	Hemington Member and Alluvium	Gunthorpe Member - Mudstone and Chester Formation	Secondary A	Secondary B		Medium - High
4	Swarkestone South	Hemington Member and Alluvium	Gunthorpe Member - Mudstone and Chester Formation	Secondary A	Principal and Secondary B	SPZ III approximately 40 m south of Proposed Allocated Site	Medium - Medium/ High
5	Foston	Alluvium	Merica Mudstone Group	Secondary A	Secondary B		Medium - High
6	Sudbury	Alluvium	Merica Mudstone Group	Secondary A	Secondary B		Medium - High