



Heidelberg Materials

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# **TYTHERINGTON QUARRY: 6 MILLION TONNES ADDITIONAL RESERVES**

Environmental Statement: Appendix 1A: Glossary





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# TYTHERINGTON QUARRY: 6 MILLION TONNES ADDITIONAL RESERVES

Environmental Statement: Appendix 1A: Glossary

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## APPENDIX 1A: GLOSSARY

Term/abbreviation	Definition
<b>AADT</b>	Annual Average Daily Traffic
<b>AE</b>	Actual Evapotranspiration
<b>AEP</b>	Annual Exceedance Probabilities
<b>ALC</b>	Agricultural Land Classification
<b>ALS</b>	Abstraction Licensing Strategies
<b>AOD</b>	Above Ordnance Datum
<b>AONB</b>	Area of Outstanding Natural Beauty
<b>AOP</b>	Air Overpressure
<b>AQMAs</b>	Air Quality Management Areas
<b>AR6</b>	Sixth Assessment Report
<b>ASNW</b>	Ancient and Semi-Natural Woodland
<b>ASR</b>	Annual Status Report
<b>ATR</b>	Active Travel Route
<b>BGS</b>	British Geological Survey
<b>BNG</b>	Biodiversity Net Gain
<b>BPM</b>	Best Practicable Means
<b>CAMS</b>	Catchment Abstraction Management System
<b>CCC</b>	Convention on Climate Change
<b>CCRA</b>	Climate Change Risk Assessment

Term/abbreviation	Definition
<b>CCTV</b>	Close Circuit Television
<b>CDD</b>	Cooling Degree Days
<b>CEA</b>	Cumulative Effects Assessment
<b>CEH</b>	Centre for Ecology and Hydrology
<b>CH<sub>4</sub></b>	Methane
<b>CHESS</b>	Climate Hydrology and Ecology Research Support System
<b>CIEEM</b>	Chartered Institute of Ecology and Environmental Management
<b>CIRIA</b>	Construction Industry Research and Information Association
<b>CO<sub>2</sub></b>	Carbon Dioxide
<b>COMAH</b>	Control of Major Accident Hazards
<b>CoP</b>	Code of Practice
<b>CoPA</b>	The Control of Pollution Act 1974
<b>CR</b>	Community Receptors
<b>CRI</b>	Climate Risk Indicators
<b>CWS</b>	County Wildlife Site
<b>DAS</b>	Discretionary Advice Service
<b>DB</b>	Decibel
<b>Defra</b>	Department for Environment, Food and Rural Affairs
<b>DESNZ</b>	Department for Energy Security and Net Zero
<b>DfT</b>	Department for Transport

Term/abbreviation	Definition
<b>DMP</b>	Dust Management Plan
<b>DMRB</b>	Design Manual for Roads and Bridges
<b>DR</b>	Dust receptors
<b>DTM</b>	Digital Terrain Model
<b>EA</b>	Environment Agency
<b>EATM</b>	Environmental Assessment of Traffic and Movement
<b>EcIA</b>	Ecological Impact Assessment
<b>EEA</b>	European Economic Area
<b>EIA</b>	Environmental Impact Assessment
<b>ELC</b>	European Landscape Convention
<b>EMS</b>	Ecology Method Statement
<b>EPA</b>	Environmental Protection Act
<b>EPS</b>	European Protected Species
<b>EPSMLs</b>	European Protected Species Mitigation Licences
<b>EPUK</b>	Environmental Protection UK
<b>ES</b>	Environmental Statement
<b>FEL</b>	Front-end Loaders
<b>FRA</b>	Flood Risk Assessment
<b>GEART</b>	Guidelines for the Environmental Assessment of Road Traffic
<b>GHG</b>	Greenhouse Gas

Term/abbreviation	Definition
<b>GLVIA</b>	Guidelines for Landscape and Visual Impact Assessment
<b>GPA</b>	Good Practice Advice
<b>GWMU</b>	Groundwater management unit
<b>ha</b>	Hectare
<b>HER</b>	Hydrologically Effective Rainfall
<b>HFCs</b>	Hydrofluorocarbons
<b>HGV</b>	Heavy Goods Vehicle
<b>HIA</b>	Hydrogeological Impact Assessment
<b>HMWB</b>	Heavily Modified Water Body
<b>ICCI</b>	In-combination Climate Change Impacts
<b>ICE</b>	Inventory of Carbon & Energy
<b>IDO</b>	Interim Development Order
<b>IEMA</b>	Institute of Environmental Management and Assessment
<b>IPCC</b>	Intergovernmental Panel on Climate Change
<b>JNCC</b>	Joint Nature Conservation Committee
<b>km</b>	Kilometres
<b>ktCO<sub>2</sub>e</b>	Kiloton of Carbon Dioxide Equivalent
<b>L<sub>A10</sub></b>	Noise level exceeded for 10% of the measurement period
<b>L<sub>A50</sub></b>	Noise level exceeded for 50% of the measurement period
<b>L<sub>A90</sub></b>	Noise level exceeded for 90% of the measurement period

Term/abbreviation	Definition
<b>L<sub>Aeq</sub></b>	Equivalent Continuous Sound Level
<b>L<sub>Amax</sub></b>	Maximum recorded noise level during the measurement period
<b>LBAP</b>	Local Biodiversity Action Plan
<b>LBEP</b>	Landscape and Biodiversity Enhancement Plan
<b>LCA</b>	Landscape Character Areas
<b>LI</b>	Landscape Institute
<b>LLFA</b>	Lead Local Flood Authority
<b>LNR</b>	Local Nature Reserve
<b>LOAEL</b>	Lowest Observed Adverse Effect Level – This is the level above which adverse effects on health and quality of life can be detected.
<b>L<sub>p</sub></b>	Sound Pressure Levels
<b>LVIA</b>	Landscape and Visual Impact Assessment
<b>L<sub>w</sub></b>	Sound power levels
<b>LWS</b>	Local Wildlife Sites
<b>m</b>	Metres
<b>MAFF</b>	Ministry for Agriculture, Fisheries and Food
<b>MAGIC</b>	Multi Agency Geographic Information for the Countryside
<b>MMS</b>	Mitigation and Monitoring Strategy
<b>MPA</b>	Mineral Planning Authority
<b>MPG</b>	Minerals Planning Guidance Notes

Term/abbreviation	Definition
<b>MPS</b>	Minerals Policy Statement
<b>mt</b>	Million tonnes
<b>mtpa</b>	Million tonnes per annum
<b>NAP</b>	National Adaptation Programme
<b>NCA</b>	National Character Area
<b>NDC</b>	Nationally Determined Contribution
<b>NERC</b>	Natural Environment and Rural Communities
<b>NF<sub>3</sub></b>	Nitrogen Trifluoride
<b>NH</b>	National Highways
<b>NIR</b>	The Noise Insulation (Railways and Other Guided Transport Systems) Regulations 1996
<b>NMU</b>	Non-Motorised Users
<b>NNR</b>	National Nature Reserve
<b>N<sub>2</sub>O</b>	Nitrous Oxide
<b>NO<sub>2</sub></b>	Nitrogen dioxide
<b>NOEL</b>	No Observed Effect Level – This is the level below which no effect can be detected. In simple terms, below this level, there is no detectable effect on health and quality of life due to noise.
<b>NO<sub>x</sub></b>	Oxides of nitrogen
<b>NPPF</b>	National Planning Policy Framework
<b>NPPG</b>	National Planning Practice Guidance
<b>NPSE</b>	Noise Policy Statement for England



Term/abbreviation	Definition
<b>NRMM</b>	Non-Road Mobile Machinery
<b>NSR</b>	Noise Sensitive Receptor
<b>NTEM</b>	National Trip End Model
<b>NTS</b>	Non-Technical Summary
<b>NVC</b>	National Vegetation Classification
<b>OBH</b>	Observation Boreholes
<b>ONMP</b>	Operational Noise Management Plan
<b>OS</b>	Ordnance Survey
<b>PAN</b>	Planning Advice Note
<b>PAS</b>	Publicly Available Standard
<b>PBDE</b>	Polybrominated Diphenyl Ethers
<b>PFCs</b>	Perfluorocarbons
<b>PFOS</b>	Perfluorooctane sulphonate
<b>PFRA</b>	Preliminary Flood Risk Assessment
<b>PIAs</b>	Personal Injury Accidents
<b>PM10</b>	Particulate matter smaller than 10µm in diameter
<b>PM2.5</b>	Particulate matter smaller than 2.5µm in diameter
<b>PPGs</b>	Pollution Prevention Guidance Notes
<b>PPSs</b>	Planning Policy Statements
<b>PPV</b>	Peak Particle Velocity

Term/abbreviation	Definition
<b>PRN</b>	Primary Record Number
<b>PRoW</b>	Public Rights of Way
<b>PWS</b>	Private Water Supply
<b>RBMPs</b>	River Basin Management Plans
<b>RBD</b>	Red Book Data
<b>RICS</b>	Royal Institution of Chartered Surveyors
<b>RIGS</b>	Regionally Important Geological Site
<b>RLB</b>	Red Line Boundary
<b>RPGs</b>	Registered Parks and Gardens
<b>RR</b>	Recreational Receptor
<b>RUPP</b>	Roads Used as Public Paths
<b>S73</b>	Section 73 of the Town and Country Planning Act
<b>SAC</b>	Special Areas of Conservation
<b>SCI</b>	Sites of Community Importance
<b>SD</b>	Scaled Distance
<b>SEO</b>	Statements of Environmental Opportunity
<b>SF<sub>6</sub></b>	Sulphur Hexafluoride
<b>SFRA</b>	Strategic Flood Risk Assessment
<b>SGC</b>	South Gloucestershire Council
<b>SINC</b>	Site of Importance for Nature Conservation

Term/abbreviation	Definition
<b>SLF</b>	Special Landscape Feature
<b>SLM</b>	Sound Level Meter
<b>SOAEL</b>	Significant Observed Adverse Effect Level – This is the level above which significant adverse effects on health and quality of life occur.
<b>SPA</b>	Special Protection Area
<b>SRN</b>	Strategic Road Network
<b>SSSI</b>	Site of Special Scientific Interest
<b>SWMP</b>	Surface Water Management Plan
<b>TA</b>	Transport Assessment
<b>tCO<sub>2</sub>e</b>	tonnes of carbon dioxide
<b>TCPA</b>	Town and Country Planning Act
<b>TEMPro</b>	Trip End Model Presentation Program
<b>TN</b>	Target Noted
<b>TP</b>	Travel Plan
<b>UAEL</b>	Unacceptable Adverse Effect Level
<b>UKCP18</b>	UK Climate Projections 2018
<b>UKHSA</b>	UK Health Security Agency
<b>UNFCCC</b>	United Nations Framework Convention on Climate Change
<b>USBM</b>	United States Bureau of Mines
<b>VR</b>	Vehicular Receptors

Term/abbreviation	Definition
<b>WACA</b>	Wildlife and Countryside Act 1981
<b>WFD</b>	Water Framework Directive
<b>WHO</b>	World Health Organisation
<b>WIMS</b>	Water Information Management System
<b>WWA</b>	Wessex Water Authority
<b>ZoI</b>	Zone of Influence
<b>ZTV</b>	Zone of Theoretical Visibility



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