

## Vaynor Quarry ROMP Review Applications

### Environmental Impact Assessment

#### Environmental Impact Assessment (Wales) Regulations 2017: Regulation 17(4) (b)

##### Statement of Experience

The EIA has been coordinated by **Graham Jenkins** BA(Hons) MRTPI, MIQ, of SLR Consulting Ltd. Graham Jenkins is a Technical Director at SLR Consulting with over 40 years' experience in minerals planning. He has been employed in a Minerals Planning Authority, the minerals industry, and latterly a number of positions in minerals planning consultancies. He has prepared over 150 EIAs for mineral projects.

SLR Consulting Ltd is a member of the Institute of Environmental Assessment and Management with an awarded EIA 'Quality Mark'.

The EIA Quality Mark is a voluntary scheme, operated by IEMA, through which EIA activity is independently reviewed, on an annual basis, to ensure it delivers excellence in the following areas:

- EIA Management
- EIA Team Capabilities
- EIA Regulatory Compliance
- EIA Context & Influence
- EIA Content
- EIA Presentation
- Improving EIA practice

The LVIA and restoration input has been prepared by **Lee Morris** BSc(Hons), DipLA and MA (Dist) of Tir Collective Ltd. Lee Morris is a chartered landscape architect with over 20 years' experience in the landscape profession. He is Managing Director and Co-owner of Tir Collective Limited, a landscape consultancy based in Cardiff. Lee has a Degree in Physical Geography, a Post Graduate Diploma in Landscape Architecture, a Master's Degree in Landscape Architecture and is a Chartered Member of The Landscape Institute, in the Design division. Lee is a Practitioner of the Institute of Environmental Management and Assessment.

The ecology input has been overseen by **Chris Mitchell** BSc (Hons), CIEEM, CEnv, CEcol, a Technical Director at SLR. Chris is a Chartered Ecologist (CEcol), Chartered Environmentalist (CEnv) and Full Member of the CIEEM (MCIEEM). Chris has 16 years consultancy experience with the majority of this time being focussed on projects relating to the extractive industry. Chris holds Natural Resources Wales (NRW) survey licences for bats, great crested newt (*Triturus cristatus*) and hazel dormouse (*Muscardinus avellanarius*) alongside mitigation licences for bats, great crested newt, hazel dormouse and badger (*Meles meles*).

The soils and agricultural land classification study has been undertaken by **Laura Thomas** of Land Research Associates. Laura has a Master's Degree in Soils and Sustainability and is a member of the British Society of Soil Science (MISoilSci). Laura has seven years consultancy experience producing technical reports and soil management plans for a range of projects including major infrastructure, quarrying and residential developments. All outputs were reviewed by **Dr Mike Palmer**, Director of

LRA. Dr Palmer has over fifteen years consultancy experience and is a board member of the Institute of Professional Soil Scientists.

The hydrology and hydrogeology studies at Vaynor Quarry have been overseen by **Barnaby Harding** BSc (Hons) MSc CGeol since 2016 initially in his role as Technical Director for the Minerals and Waste Team at ESI/Stantec UK Ltd until 2021, and then as a Stantec associate via his own consultancy. Barnaby has over 20 years of experience as a professional hydrogeologist in the UK and New Zealand. Barnaby is a chartered geologist (CGeol) and his experience includes a wide variety of work for the extractive industry. Barnaby has wide experience with the UK aggregates industry including sand and gravel, high PSV aggregates, limestone and granite extraction sites. His background in mining and quarrying has provided insight into the practical aspects of groundwater and surface water management. This includes dewatering assessment, monitoring programmes, water supply, drainage, flood risk assessment and water management plans.

Groundwater modelling was undertaken by **Robert Sears** BSc (Hons) MSc CGeol of Stantec, UK Ltd. Robert has over 25 years of experience as a hydrogeologist with a background in all aspects of hydrogeological assessment. He has comprehensive experience of all aspects of hydrogeological investigation including site investigation and data collation, conceptual model development, modelling, risk assessment and reporting.

Hydrological impact studies were primarily undertaken by **Henry Kelly** BSc (Hons) MSc C.WEM. Henry is an experienced hydrologist/hydrogeologist, knowledgeable in the fields of flood risk, drainage design, water resources management, environmental impact assessment, contaminated land and climate change. Henry undertakes and manages Flood Risk Assessments and designs drainage schemes for residential, commercial, industrial and infrastructure sites in a wide range of settings across England, Scotland and Wales.

The initial hydrogeological impact studies were managed and undertaken by **Christopher Woodhouse** MSci MSc CGeol, and more recently continued by **Richard Holtham** MEarthSci MSc FGS of Stantec UK Ltd, who also input to the hydrological studies. Richard is a project hydrogeologist and project manager in the Minerals and Mining team and has worked on many Hydrogeological Impact Assessments (HIAs), Hydrogeological Risk Assessments (HRAs), and Flood Risk Assessments (FRAs) for quarry development projects throughout the UK.

The noise study has been undertaken by **Rachel Canham** BEng MSc CEng MIOA and **Robert Storey** BEng PhD MIOA of WBM Ltd.

**Rachel Canham** BEng MSc CEng FIOA (Director) obtained her engineering degree in Electroacoustics from Salford University in 1993 and a Master of Science degree in Environmental Acoustics from South Bank University in 1998. She has worked in acoustic consultancy since 1993 and joined WBM in 1999, becoming a Partner in 2009 and Director in 2022. Rachel is involved with both environmental and architectural acoustic projects and has extensive experience with educational buildings, residential development, and entertainment/leisure sites. She has also provided acoustic consultancy advice for many of the major mineral extraction companies in the UK on a wide range of surface mineral workings, aggregate related plant sites, waste disposal and recycling projects as well as other industrial sites. Her project work has included the preparation of environmental noise reports and noise impact assessments for planning applications, environmental statements and appeals. She is experienced in noise modelling, using SoundPLAN for transportation, industrial and environmental noise mapping.

**Robert Storey** BEng PhD MIOA (Senior Consultant) obtained his degree in Mining Engineering from the University of Leeds in 1993 before going on to complete a PhD in "The Acoustic Response of

Structures to Blast Induced Ground Vibration” in 1998. He joined WBM in 2007 after working in acoustic consultancy and environmental health since 1999. Robert is involved mainly in environmental noise, working on mineral extraction, waste and industrial projects, including surveys, routine noise monitoring, noise management plans and noise assessments. His project work includes the preparation of environmental noise reports and noise impact assessments for planning applications, environmental statements and appeals. He is experienced in noise modelling using SoundPLAN for transportation, industrial and environmental noise mapping.

The Air Quality Study has been undertaken by **Lucy Boulton**, Associate Air Quality Consultant at SLR Consulting Ltd. Lucy is an Associate Member of the IAQM with several years’ experience in the field of air quality and holds a Master’s Degree in Conservation Science and Policy. Lucy has experience of leading air quality impact assessments for mineral developments across the UK, including undertaking EIA and dust impact assessments. A previous role within the air quality team at a Local Authority has provided Lucy with a comprehensive understanding of the interactions between air quality policy, Local Air Quality Management and the planning system.

The traffic study has been undertaken by **Jeremy Hurlstone** BSc (Hons), MCIHT, CMILT, Managing Director of the Hurlstone Partnership Limited, which provides specialist highway advice to developers and Local Authorities, with over 30 years of experience in the transportation industry, during which time he has been involved in many projects for varying development types, including numerous mineral sites distributed throughout the UK.

The Cultural Heritage study has been undertaken by **James Evans** BA (Hons), MA, ACIfA, a Heritage Consultant at Cotswold Archaeology. James has been a professional archaeologist for seven years and has worked in heritage consultancy for over two years. He has experience of completing various desk-based heritage assessments throughout England and Wales, including ES heritage chapters. The Cultural Heritage study underwent a technical review by Principal Heritage Consultant, **Richard Morton**, BA (hons), MCIfA. Richard has over 15 years’ experience of managing EIA works and compiling and reviewing ES chapters.