

GWP GENERAL CAPABILITIES

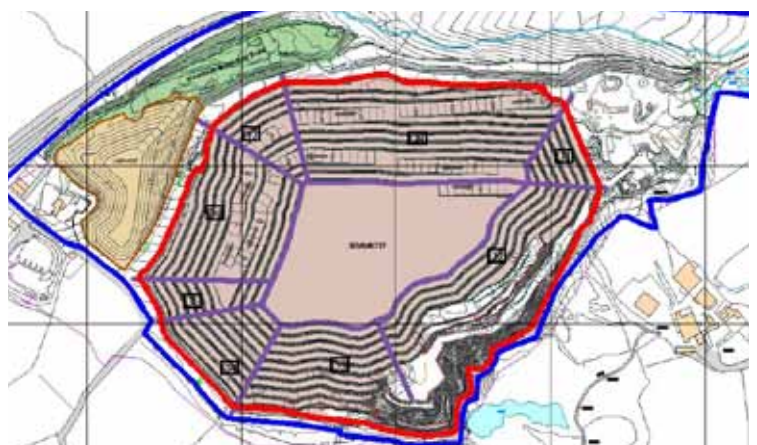
GWP Consultants LLP (GWP) is an independent Limited Liability Partnership based near Oxford, England, with over 45 years experience providing specialist consulting services to the UK and international minerals, water and related industries. GWP provides solutions that are original, innovative and practical in approach, design and execution. As a consequence, the Practice is frequently commissioned to resolve complex problems, often from existing clients or through special referrals.



GWP offers a suite of essential technical services for the successful completion of earth and water resource projects. Disciplines include mineral deposit and resource evaluation; quarry, landfill, restoration and after-use design; geotechnical engineering; hydrogeology, hydrology and water resource management; surveying; physical environmental monitoring; mine planning, scheduling and equipment selection; mining economics and market assessments; and training.

Senior staff frequently provide expert advice or act as expert witnesses in connection with legal and contractual proceedings. Support staff include data researchers, GIS and database specialists, and a dedicated drawing office using the latest CAD software and other applications.

- Earthworks design and supervision
- Rockfall assessment
- Geotechnical assessment
- Mining subsidence
- Surface and groundwater assessment
- Flood risk assessment
- Water resources abstraction and protection
- GPS/Laser surveying
- Aerial imagery (HD video/stills)
- UAV (fixed wing and multirotor drones)
- Quarry design and phasing
- Restoration and afteruse
- Mineral exploration
- Due diligence and feasibility
- Mineral deposit evaluation
- Expert witness
- Geographical Information Systems



Key Senior staff and area of expertise or involvement

Dr. Alan Cobb, PhD, CEng, MIMMM, FGS (Senior Partner) E-mail: AlanC@gwp.uk.com
Complex geotechnical tip, excavation and lagoon design; blasting design; materials handling. Expert witness.

Clive Carpenter, BSc, MSc, FGS, CGeol, MCIWEM (Partner) E-mail: CliveC@gwp.uk.com
Hydrogeology, hydrology, water resource management, groundwater contamination.

Dr David Jameson, PhD, MSc, BSc, CEng, CGeol, FGS, FIMMM (Partner) E-mail: DaveJ@gwp.uk.com
Geotechnical design, assessment; stability design and determination.

Mark Pritchard, MSc, BSc, CEng, FGS, MIMMM (Partner) E-mail: MarkP@gwp.uk.com
Quarry design, development and afteruse of quarries and opencast mines. Environmental permits. Expert witness.

Jeremy Baldock, MSc, BSc, CEng, CGeol, FGS, MIMMM, FIQ (Partner) E-mail: Jeremyb@gwp.uk.com
Geotechnical site investigation, geotechnical assessment, quarry/slope design.

Dr. Isobel Brown, PhD, MSc, FGS (Associate Partner) E-mail: IsobelB@gwp.uk.com
Geological appraisal and quarry design, geological modelling.

Rhys Morgans, BSc (Associate Partner) E-mail: RhysM@gwp.uk.com
Topographic surveying (GPS, total station and UAV/drone), 3D survey modelling and volumetrics.

Dr. Stephen Reed, PhD, FGS E-mail: SteveR@gwp.uk.com
Geological appraisal, reserve, & resource assessments, databases, GIS, quality optimisation.

GWP Clients Include:

UK:

Aggregate Industries
 Blenheim Estates
 Breedon Group
 Bullimores
 CEMEX
 Colas
 Earthline Ltd
 Eiffage Kier JV - HS2
 Forterra Building Products
 Greaves
 Grundon
 Hanson Aggregates
 Kier BAM JV
 Multi Agg Ltd
 Raymond Brown
 Springfield Farm Ltd
 St.Gobain
 Tarmac
 Wainwright
 Wardell Armstrong LLP
 Welsh Slate
 Wienerberger

Government:

Cardiff City Council
 Devon County Council
 Essex County Council
 Hertfordshire County Council
 West Sussex County Council
 Environment Agency

International:

GEO/CEDD (Hong Kong)
 Heidelberg (Africa & Scandinavia)
 Lafarge Holcim (Africa)
 MWH Global Inc
 Stevin Rock (UAE)
 YTL Cement (Malaysia)

International NGO:

International Water Association
 SOPAC
 UNDP
 UNICEF
 World Bank



Countries:

Albania	Greece	Jamaica	Nigeria	Poland	Trinidad & Tobago
Antigua	Hong Kong	Kazakhstan	Niue	Romania	UAE
Canada	India	Malaysia	Norway	Russia	UK
Croatia	Indonesia	Maldives	Oman	Sweden	USA
Ghana	Ireland	Mexico	Pacific Islands	Thailand	Zambia

