

Curriculum Vitae

Personal information

First name(s) / Surname(s) Norbert Harangi

Telephone(s) +36 30 370 3413

E-mail geovil@geovil.hu

Nationality hungarian

Date of birth July 24, 1981

Gender male

Employment / Occupational field Civil Engineer, Geotechnical designer, Project manager

Work experience

Dates March 2006 -

Occupation or position held Geotechnical designer, Project manager

Main activities and responsibilities

Site investigation and first processing of the results of in situ measurements

Preparing and managing geotechnical, geological, hydrogeological site investigation projects. Co-operation with clients and subcontractors, representing the company in project meetings.

Managing complex geotechnical measurements and geotechnical monitoring projects (site works for ground water monitoring system of Budapest metro4, site investigation for metro stations; inclinometer measurements during excavation of diaphragm walls, Bucuresti, RO; slurry wall water loss monitoring (Lugeon test), Varsolc, RO, bulidong of water wells, Jesenske, SK

First processing of the results from Dynamic penetration tests, Standard Penetrometer tests, Cone penetrometer tests, Jean Lutz pressiometer tests. Calculating themeasured resistance according to international standards (Hungarian, Eurocode, BS).

Geotechnical reports

Constructing geotechnical reports, making geotechnical calculations and plans. Organising field measurements.

Geotechnical site engineer of SCL tunnels

Site investigation and geotechnical monitoring works at several stations and ventilation tunnels of metro line 4. Budapest (Bocsikai station and ventilation tunnel, Rákóczi square station, Fővám square station and Kálvin square station)

Installation of geotechnical monitoring devices and systems, measuring and processing datas

Planning, installing and managing site works of geotechnical monitoring systems, Measuring, collecting results (inclinometer, magnetic extenzometer, rodentenzometer, rock stress cells).

Name and address of employer Geovil Ltd., 44/b Ady Endre Street, H-2000 Szentendre, Hungary

Type of business or sector Geotechnical site investigation, geotechnical consultancy, geotechnical monitoring

Dates July 2004 – August 2004 (5 weeks; compulsory practical training)

Occupation or position held Junior clerk

Main activities and responsibilities

Writing daily and weekly report. Co-ordination and contact keeping with subcontractors. Substance and quality control,

Name and address of employer Keviép Ltd., 46. Széchenyi Street, H-4025 Debrecen, Hungary

Type of business or sector building construction, environmental investments

Education and training

Dates	26. October 2009																				
Principal subjects/occupational skills covered	Cone Penetration Testing in Geotechnical Practice, Ráckeve, Hungary Procedures and data collection, interpretation of the CPT results, special measurements (seismic CPT, environmental cones, electrical resistivity etc.)																				
Name and type of organisation providing education and training	ISSMGE Hungarian National Committee Presenters: Tom Lunne (Norwegian Geotechnical Institute); John Powell (Technical Director, Geolabs)																				
Dates	10-11. March 2009																				
Principal subjects/occupational skills covered	Wise Geotechnical Monitoring Training Course; Lewes, UK Installation and maintenance of geotechnical monitoring devices. Wireless monitoring systems.																				
Name and type of organisation providing education and training	Soil Instruments Ltd.; Uckfield, UK																				
Dates	September 2000 – Februar 2006																				
Title of qualification awarded	Master of Civil Engineering																				
Principal subjects/occupational skills covered	primary: Geotechnical Engineering supplementary: Structural Engineering (Buildings), Structural Engineering (Bridges), Municipal Engineering applied math, structural mechanics (statics, dynamics, analysis of buildings, finite element method), material science, construction materials, geology, photogrammetry and geoinformatics, geodesy, hydraulic, environmental engineering, highway and railway engineering, building construction, structural engineering (steel structures, wood and reinforce concrete structures), geotechniques (soil mechanics, earthworks, foundation engineering, underground structures, soil statics, soil dynamics, geotechnical design)																				
Name and type of organisation providing education and training	Budapest University of Technology and Economics, Faculty of Civil Engineering																				
Level in national or international classification	Msc. In Civil Engineering																				
Personal skills and competences																					
Mother tongue(s)	Hungarian																				
Other language(s)																					
Self-assessment European level (*)																					
English																					
German																					
	<table border="1"> <thead> <tr> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> </tr> <tr> <td>A1</td> <td>A2</td> <td>A1</td> <td>A1</td> <td>A1</td> </tr> </tbody> </table>	Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production		B2	B2	B2	B2	B2	A1	A2	A1	A1	A1
Understanding		Speaking		Writing																	
Listening	Reading	Spoken interaction	Spoken production																		
B2	B2	B2	B2	B2																	
A1	A2	A1	A1	A1																	
Social skills and competences	Fine written and oral communication skills. Maintenance of balanced relationships with colleagues, clients, and other stakeholders.																				
Organisational skills and competences	Strong interpersonal skills developed through years of teamwork. Skilful management of smaller teams.																				
Technical skills and competences	Good problem solving skills developed through manage projects inland and in neighbouring countries. Experience in using and installing various field instruments.																				
Computer skills and competences	Ms Office Various CAD ang geotechnical software: MathCad, AutoCad, Drawfix CAD, SofiCAD, Grapher, Surfer, CPT Pro results representational, In Site, Soil Instruments inclinometer results representational, Jean Lutz pressiometer results representational Finite element modelling software: Axis VM, Plaxis																				

Other skills and competences	Likes travelling and nature Basic photography skills
Driving licence	Category "B" – car; 1999
Additional information	
Current Membership of Professional Bodies	2006 – Member of the Hungarian Tunnelling Association (ITA-IATES, Hungary)
Attendance of Conferencies	2009 STUVA Conference; Hamburg, Germany 2009 World Tunnel Congress, ITA-IATES; Budapest, Hungary 2009 XIII. International Civil Engineering Conference; Csíksomlyó, Romania 2006-2009 Geotechnical conferencies; Ráckeve, Hungary
Selected project references	Attached with company references