

***SITE INVESTIGATION:
WHERE ARE WE NOW AND WHAT IS THE FUTURE?***

Burlington House

Tuesday 15 September 2009

Presentation on:

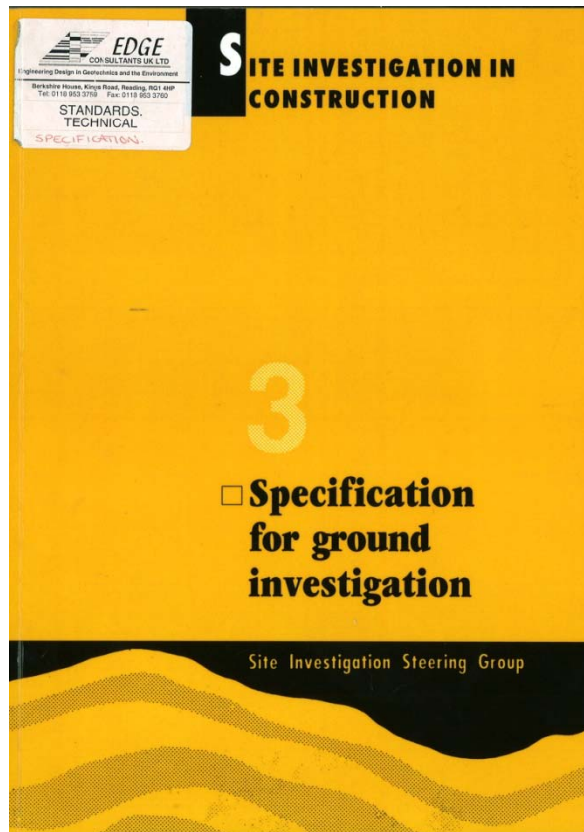
Site Investigation Steering Group (SISG)

Key changes to the impending revised specification

**Presented by Chris Clayton (SISG Chairman)
and Derek Smith (BGA Representative)**



SISG Specification for ground investigation - Background



- Part of SISG series of 4 documents
- Published by Thomas Telford in 1993
- Developed in collaboration with 19 organisations including Associations, Federations, Professional Institutions and Societies and client bodies
- Became the industry standard site investigation specification for most site investigation work carried out in the UK
- 2004 (check date): ICE tasked the BGA with reforming the SISG and updating the series of documents



SISG – Make-up and document revisions

- Chairman – Prof. Chris Clayton – Southampton Univ.
- 20 (check number) organisations represented on the current SISG
- Developed and agreed scoping documents for revised series in 2005 (check date)
- Part 1: to be revised by Chris Clayton
- Part 2: to be revised by Chris Clayton and Derek Smith
- Part 3: to be revised by AGS
- Part 4: to be revised by BDA



SISG – Review process

- First draft stage
- Reviewed by select group of SISG members and ‘peer reviewers’
- Second draft stage
- Reviewed by the whole of the SISG membership – members of SISG distribute to individuals within their organisation
- Final draft stage
- Approved by SISG membership for publication
- Rationalisation of all parts in series
- Issued to TTL for publication



Current Status of Revisions (Sept 09)

- Part 1: 'Site Investigation and GROUND RELATED RISK'. Essentially an advertising flyer for the series with outline of content – at second draft stage
- Part 2: 'A guide to carrying out EFFECTIVE SITE INVESTIGATION' – at second draft stage
- Part 3: 'Specification for SITE INVESTIGATION' – final draft currently underway
- Part 4: 'Guidelines for SAFE SITE INVESTIGATION' – at second draft stage



SISG Specification for SITE INVESTIGATION

Key points

- Developed previous version – not started again
- Main specification plus site specific schedules – schedules to provide more detailed information and more guidance provided as to what should be included within schedules
- Notes for guidance expanded to give more detail and clarity on the guidance being provided
- Contract neutral with example Bill of Quantities – can therefore be used by more client bodies within their own Conditions of Contract, e.g. Highways Agency and Railtrack etc.
- Schedules and Bill of Quantities to be available on CD (hopefully!)



SISG Specification for SITE INVESTIGATION

Key points (....cont)

- Reviewed the current specification and improved with additional detail where considered necessary
- Included specification clauses relating to more varied investigation techniques, e.g. dynamic probing, sonic drilling
- Included specification clauses relating to contaminated land investigations, techniques and laboratory testing
- Includes the 'new' definitions being for Ground Engineering Professional, Ground Engineering Specialist and Ground Engineering Advisor being introduced by the Register of Ground Engineering Professionals supported by Geological Society, ICE and IOM3



SISG Programme to Completion

- Progress has been slower than we would have liked!
- Essential to complete quickly from this point forward
- Aim to get all documents to final draft stage by the end of 2009
- Submit to Thomas Telford for publication early 2010
- Thomas Telford need 6 months from submission of completed documents to publication date
- Publication summer 2010

