**(A Sub-Committee Affiliated to the Geological Society Engineering Group)**

**APPLIED PETROGRAPHY GROUP (APG) THIRTIETH MEETING: SUMMARY**

1. The 30th APG meeting was held on 14/09/19 in London. 18 – 20 members attended.

2. The APG representative on BSI committee B/517 (Concrete) reports a new BSI programme manager has been appointed. *That BSI will continue to be a full member of CEN and CENELEC whatever the outcome of the UK leaving the EU.* Also, no further progress has been made concerning standard BS 1881 – 211 part 3 towards its recognition as a European Standard.

3. The draft final report of the results of the APG pan-European inter-laboratory trial, determination of the water/cement ratio in hardened concrete by optical methods was discussed. The trial results from 100 individual determinations indicated that 81% of these results were within 0.1, and 58% within 0.05 of the correct water/cement ratio values. Members suggested further revisions to the report of this initial trial and agreed that once these were completed it should be placed on the APG web site as APG Special Report 4.

4. APG representatives remain on the BSI committees B/502, B/502/6 (aggregates) and B/517 (concrete). Also, the APG is represented on the RMS Engineering and Physical Sciences committee.

5. The APG web site membership and events have been updated.

6. Three illustrated technical presentations were given during the afternoon session of the meeting, concerning the APG Pan-European, inter-laboratory w/c ratio in concrete trial:

1). Barrie Wells: An elementary consideration of statistical appraisals of laboratory test results.

2). Hong Wong: CTS Committee presentation: the APG w/c ratio in concrete calibration trial report.

3). Mike Eden: Comments on the APG trial results and the participating laboratories

Numerous additional comments and suggestions were presented from the floor. It was agreed that a period of two to three weeks of revision would be undertaken prior to the final version being placed on the APG web site designated: APG Special Report 4. for wider publication. A presentation of the trial results would be made at the EMABM (Euroseminar on microscopy applied to building materials) in Toronto, Canada 20 – 24 May 2019.

7. The next APG meeting will be held on 26th September 2019 at the Geological Society in London.

Alan Poole (APG Secretary) 01/03/19