S M Foster Associates Limited Hydrological and Hydrogeological Consultants 7 Bownas Road, Boston Spa, Wetherby West Yorkshire, LS23 6EX, UK SW ΝE Tel: 01937 849950, Fax: 01937 849951 Email:stephen.foster@smfassociates.co.uk 103.0mAOD Proposed Quarry Extension  $K = 1.16 \times 10^{-4} \text{ m/s}$ 94.2mAOD 91.0mAOD Groundwater flow through lower NSF and upper WMF 70.0mAOD **CLIENT:** MICK GEORGE LIMITED Brook 1000 m PROJECT: HARLESTONE QUARRY EXTENSION Northampton Sand Formation (NSF) MINERAL EXTRACTION AND RESTORATION BY INERT LANDFILLING Whitby Mudstone Formation (WMF) HYDROGEOLOGICAL IMPACT **ASSESSMENT** Indicative Groundwater Level (existing) Indicative Groundwater Level (dewatering) Ref:203/09/02/0323 Date: March 2023 Approved: smf Rev: **DRAWING 203/09/02** CONCEPTUAL HYDROGEOLOGICAL INDICATIVE ONLY - NOT TO SCALE MODEL - PART 2