Drainage Proposal

The Phase 1 Site Investigation states on page 5 that "Underlying geology unlikely to be suitable for soakaway drainage". We propose that a phase 2 site investigation be carried out and that the suitability of soakaways be investigated further. In the event that there is no potential for soakaways then an onsite retention system with limited discharge to public sewers would be proposed.

Robson Liddle

nps group

GEOTECHNICAL	
Foundations	Shallow spread foundations should be suitable. Bearing capacity to be determined from site investigation, but are likely to be sufficient for conventional low rise structures.
Shrinkable soils	Weathered soils may be shrinkable. To be confirmed as part of any site investigation.
Buried concrete	Significant concrete protection measures unlikely to be required.
Floor slabs	Suspended floor slab may be required.
Slope stability	Soils are considered generally stable and relatively steep cuts can be made, but careful assessment of changes of elevation or construction near existing slopes would still be needed.
Pavement	CBR values likely to be adequate for road and car park construction.
Soakaways	Underlying geology unlikely to be suitable for soakaway drainage.
Natural cavities	None expected.
Mining	The risk at the site was identified as low.