

Subsidence Advisory NSW — Newcastle Plan Legend

Surface development guidelines with regard to mine subsidence are available from Subsidence Advisory NSW (SA NSW). Please note the plan does not cover development requirements of other organisations.

SA NSW regularly reviews its surface development guidelines as additional geotechnical information becomes available. As Stage 2 of this project, SA NSW is assessing whether further detail can be provided to assist in understanding the quantum of grouting that is likely to be required in the zones identified on the plan.

1. Legend

-  — **No restriction.** Allotments are not undermined nor within the zone of influence of known mine workings mining. There are no mine subsidence requirements for grouting.
-  — **Limited Restrictions.** Some areas of shallow uncharted workings have been identified. Further geotechnical investigation of some sites, with possible grouting, may be required.
-  — **Limited Restrictions A.** The area is in a Mine Subsidence District. Some areas of shallow uncharted workings have been identified. Further geotechnical investigation of some sites, with possible grouting, may be required.
-  — **Zone A.** Area of larger and relative uniform pillars. Geotechnical investigations required and likely grouting for high-rise and larger footprint structures.
-  — **Zone B.** Area of smaller dimension and relative uniform pillars. Geotechnical investigations required and high likelihood of coal seam grouting for high-rise and larger footprint structures.
-  — **Zone C.** Area underlain by Yard Seam at around 30m depth. Extent of Yard Seam to be determined and mine workings fully grouted. Additional requirements as per Zone B.
-  — **Zone D.** Area of old and small pillars with a possible history of failure. Detailed geotechnical investigation required and coal seam grouting for high-rise and larger footprint structures if seam has not fully collapsed.
-  — **Zone E.** As per Zone D with an ‘in principle’ grouting proposal available for this area.