


6.4.9 Slope Stability Overlay

Note – Unless otherwise specified, these Standard Outcomes apply to all land identified in a mapped area of the Slope Stability Overlay shown on **Map OM-900 to Map OM-903**.

Table 6.4.9 – Standard Outcomes for the Slope Stability Overlay

13. Natural Hazards including Climate Change	
	Note – In accordance with Section 3.1(11), where development does not comply with one or more of the Standard Outcomes under this theme, Merit Outcomes MO1.1 to MO1.2 (1. General theme) and MO13.1 to MO13.8 (13. Natural Hazards including Climate Change theme), become assessment benchmarks. Section 3.6 provides further guidance.
SO1	Development in the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903 is designed and located in accordance with a Slope Stability Assessment.
SO2	Any Slope Stability Assessment is prepared by a <u>suitably qualified person</u> in accordance with: <ol style="list-style-type: none"> Guideline for Landslide Susceptibility, Susceptibility and Risk Zonation for Land Use Planning prepared by the Australian Geomechanics Society; Practice Note Guidelines for Landslide Risk Management 2007 prepared by the Australian Geomechanics Society; and AS/NZS ISO 31000:2018 Risk Management. Note – The Landslide Hazard Risk Assessment for Torres Shire prepared by Cardno should be consulted in preparing a Slope Stability Assessment.
SO3	Any Slope Stability Assessment is informed by a field investigation of the <u>site</u> and surrounds.
SO4	Where land is available on a <u>site</u> which is outside the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903 , development is located on the land outside the <u>mapped area</u> to the greatest extent practical.
SO5	Where involving Reconfiguring a Lot involving land in the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903 , a Slope Stability Assessment demonstrates that the risk of the development has been reduced to “very low” in accordance with Landslide Risk Management (Australian Geomechanics Journal Vol 43, No. 1. March 2007 – AGS 2007) by means of earthworks.
SO6	Filling and excavation in the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903 is undertaken in accordance with the following requirements: <ol style="list-style-type: none"> all fill is laid under Level 1 supervision in accordance with AS3798-2007 – Guidelines on Earthworks for Commercial and Residential Developments; all fill is retained by retaining walls; and all retaining walls are certified by an RPEQ engineer competent in geotechnical design at design and construction stages.
SO7	Buildings and structures located in the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903 are certified by a <u>suitably qualified person</u> as having a risk that is “very low” in accordance with Landslide Risk Management (Australian Geomechanics Journal Vol 43, No. 1. March 2007 – AGS 2007).

13. Natural Hazards including Climate Change (continued)



Note – In accordance with Section 3.1(11), where development does not comply with one or more of the Standard Outcomes under this theme, Merit Outcomes MO1.1 to MO1.2 (1. General theme) and MO13.1 to MO13.8 (13. Natural Hazards including Climate Change theme), become assessment benchmarks. Section 3.6 provides further guidance.

SO8	<p>Buildings and structures located in the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903 include a floor level of the ground <u>storey</u> not greater than 0.5 metres above or below natural <u>ground level</u> of the undeveloped <u>site</u>, unless using a design where the floor level is elevated above <u>ground level</u> without the use of filling.</p> <p>Note – An example of a design where the floor level is elevated above <u>ground level</u> without the use of filling is a pole house.</p>
SO9	<p>Development minimises the clearing of vegetation in the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903.</p>
SO10	<p>Development is not located in, or downslope of a waterway, drainage feature or gully that is within the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903.</p>
SO11	<p>Development that involves the manufacturing or storage of hazardous materials is not located in the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903.</p>
SO12	<p><u>Vital community infrastructure</u> is not located in the <i>Moderate Risk Area</i> or <i>High Risk Area</i> shown on Map OM-900 to Map OM-903.</p>