

Next Iconic Walk - Site Analysis

Value/issue	Proposal location	Walking track route	Lake Mary hut accommodation node	Lake Huntley accommodation node
Reserve management zoning	Located within the Tyndall Regional Reserve and the Lake Beatrice Conservation Area. The Reserves Management Zoning Policy and Procedures P-003 applies to the Proposal Site.	Mostly within the natural reserve management zone, except for a section near Glacier Valley that is within the protection and wilderness reserve management zone.	Located within the natural reserve management zone.	Located within the natural reserve management zone.
Recreational use	Recreational activities in the Tyndall Range include four-wheel driving, fishing, hiking and rock climbing.	Route is a new walking track (does not use any existing sections of walking track).	No additional recreational use specific to the Lake Mary accommodation node.	The cliff faces surrounding Lake Huntley are used for rock climbing.
Aboriginal cultural heritage	The available ethnographic information indicates that the Proposal Site is situated within the traditional lands of the Peterindic clan from the North West Nation.	The walking track route avoids known Aboriginal cultural heritage sites.	The accommodation nodes avoid known Aboriginal cultural heritage sites.	The accommodation nodes avoid known Aboriginal cultural heritage sites.
Historic heritage	One historic heritage site, the Lake Margaret Power Scheme, is intersected by the Proposal (located on land managed by Hydro Tasmania).	The southern section of the walking track intersects the Lake Margaret Power Scheme historic heritage site.	The proposed micro-hydro system for the Lake Mary accommodation node is located within the Lake Margaret Power Scheme historic heritage site.	No historic heritage is impacted at this location.
Tasmanian Wilderness World Heritage Area (TWWHA)	The TWWHA is located approximately 5.5 km east of the Proposal Site.	The walking track route is not visible from the TWWHA.	The Lake Mary accommodation node is not visible from the TWWHA.	The Lake Huntley accommodation node is not visible from the TWWHA.
Landscape and visual conditions and values	The site is located within a high-mountain landscape, characterised by steep slopes, rugged terrain, and diverse vegetation. The landscape is identified as exhibiting varying levels of visual sensitivity, with areas of high sensitivity near water bodies and dense vegetation.		The Lake Mary accommodation node was assessed as having a low visual impact on the landscape.	The Lake Huntley accommodation node was assessed as having a low visual impact on the landscape.

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Biodiversity and natural values	<ul style="list-style-type: none"> The Proposal Site predominantly comprises native vegetation communities in very good condition. One state threatened native vegetation community was identified within the Proposal Site. No threatened ecological communities protected under the EPBC Act were identified. Two state threatened flora species are present within the Proposal Site. Potential habitat for threatened fauna species is present within the Proposal Site. 	<ul style="list-style-type: none"> The walking track comprises a variety of native vegetation communities in very good condition. Two threatened flora species have been recorded in various locations along the walking track alignment. 	<p>Vegetation communities present at the Lake Mary accommodation node are:</p> <ul style="list-style-type: none"> western buttongrass moorland (MBW) western subalpine scrub (SSW) buttongrass moorland with emergent shrubs (MBS). <p>No threatened flora species are recorded at the Lake Mary accommodation node.</p>	<p>Vegetation communities present at the Lake Huntley accommodation node are:</p> <ul style="list-style-type: none"> lichen lithosere (ORO) buttongrass moorland with emergent shrubs (MBS) western buttongrass moorland (MBW) western wet scrub (SWW). <p>One state threatened flora species (<i>Orites milliganii</i>) is present at the Lake Huntley accommodation node.</p> <p>One state threatened native vegetation community is potentially impacted by the micro-hydro infrastructure.</p>
Geology and soil types	<ul style="list-style-type: none"> The Tyndall Range Glacial Features (ID 2974) and Western Tasmania Blanket Bogs (ID 2527) geoconservation sites occur throughout the Proposal Site. The geology of the Proposal Site generally consists of Cambrian-age conglomerate, quartzites, bedded sandstone and siltstone. Geomorphically, the area has been shaped by glaciers, with glacial lakes and glacial deposits located throughout the Tyndall Range. 	Geology varies throughout the walking track alignment.	Soil consists of peat overlying clayey silt subsoils.	Soil consists of peat overlying clayey silt subsoils.
Topography (slopes)	The topography of the Proposal Site is undulating, and ranges between ~350 m-900 m elevation.	The walking track will undulate from 600-900 m elevation for the majority of the walk, with a descent to approximately 350 m elevation to the trail end at the Lake	Strongly sloping to gently steep (6-15 degrees).	Strongly sloping to moderately steep (6-20 degrees).

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		Margaret Power Station. The gradient will generally be less than 20 degrees but may be steeper in places due to site constraints restricting alternative routes.		
Environmental hazards	<ul style="list-style-type: none"> Small areas of low acid sulfate soil probability (6-7% chance of occurrence) are mapped near the Proposal Site, to the north of the Lake Spicer Track and within Glacier Valley. Extremely low acid sulfate soil probability (1-5% chance of occurrence) is mapped in Lake Huntley, Lake Mary and Lake Margaret. The Proposal Site receives high annual rainfall and experiences strong winds. The majority of the Proposal Site is identified as being in a landslip-prone area. 	<ul style="list-style-type: none"> The walking track route does not impact areas identified as potential acid sulfate soils. The walking track route has been selected to be on the eastern side of the Tyndall Range, sheltered from prevailing winds, and at a lower altitude not on 'exposed ridges' that may be more susceptible to lightning strike. Most of the walking track route is within the low and medium landslip hazard band. 	<ul style="list-style-type: none"> Extremely low acid sulfate soil probability (1-5% chance of occurrence) is mapped in Lake Mary. Part of the Lake Mary accommodation node is within the low landslip hazard band. 	<ul style="list-style-type: none"> Extremely low acid sulfate soil probability (1-5% chance of occurrence) is mapped in Lake Huntley. Part of the Lake Huntley accommodation node is within the low and medium landslip hazard band.
Operational requirements	<ul style="list-style-type: none"> The Proposal Site will be accessible by helicopter (via the north and south service and construction depots) and road vehicles (via the Lake Spicer Track and Anthony Road in the north, or the Lake Margaret Road in the south). There is no vehicular access within the site, with operational requirements to be met via helicopter or on foot. The Proposal will be operated out of Queenstown. 	<ul style="list-style-type: none"> Rangers will be at the Proposal Site at all times during operation. The walking track will be regularly inspected and maintained to the T1/T2 track standard (under PWS P-036). 	<p>Rangers will be at the Proposal Site at all times during operation.</p> <p>Ranger's accommodation will be provided at the Lake Mary accommodation node.</p> <p>Servicing requirements will include removal of sewage via helicopter.</p> <p>Assets will be maintained in accordance with the PWS AMS.</p>	<p>Rangers will be at the Proposal Site at all times during operation.</p> <p>Ranger's accommodation will be provided at the Lake Huntley accommodation node.</p> <p>Servicing requirements will include removal of sewage via helicopter.</p> <p>Assets will be maintained in accordance with the PWS AMS.</p>
Interpretation features	The west coast region is considered as a whole in developing identity and interpretation themes. The identity themes for the Proposal are the elements, natural splendour, isolation/solitude, west coast spirit and ingenuity.	Track markers, using locally sourced materials/found objects, will be used to guide visitors. Track markers will include codes referencing interpretation content in the guidebook.	Interpretation features will focus on west coast spirit and ingenuity.	Interpretation will focus on the elements, natural splendour and isolation.

