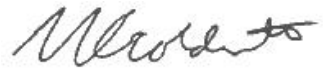
Vegetation and Habitat Surveys of The Point Solar Farm, January-February 2026 (updated)

Prepared for:	Far North Solar Farms Ltd	Reviewed and approved for release by:	 Nick Goldwater Senior Principal Ecologist
Authors:	Luke Liddell, Andrew Wells, Sarah Wright		
Report No:	6621h-vi		
Date:	March 2026		

1.0 Introduction

Far North Solar Farms Ltd (**FNSF**) has applied under the fast-track approvals bill to establish a new solar farm on a site at the northern end of Lake Benmore, in the Mackenzie District in South Canterbury (**The Point Solar Farm**).

Following a recent vegetation survey on 20 January 2026, Wildland Consultants Ltd (**Wildlands**) returned to The Point Solar Farm in February 2026 in order to quantify vegetation cover within the solar farm site using RECCE plots, and to undertake additional targeted searches for indigenous plants. This memo summarises the methodology and outcomes of this additional field work at the site.

2.0 Scope

The scope of this memo is to provide the following:

- A description of vegetation surveys undertaken by Wildlands on the 10–12 and 19 February 2026.
- The results of quantitative vegetation plots, grid-based plant searches, and habitat-targeted rare plant searches at the site.
- Representative photographs of the vegetation present at the site.

Responses to the other ecological questions raised by the Panel are addressed in separate memos. All previous vegetation work conducted at the site is summarised in Wildlands (2026)[1]. That document also contains the most up-to-date descriptions and mapping of vegetation and habitat types at the site. No further changes are made in this memo.

3.0 Methodology

To gain a more thorough understanding of the indigenous vegetation values present within and adjacent to The Point Solar Farm, quantitative vegetation plots and targeted indigenous plant searches were undertaken across the site by three vegetation ecologists from 10-12 and 19 February. Plot work was largely undertaken by Luke Liddell (Senior Vegetation Ecologist), grid searches by Sarah Wright (Vegetation Ecologist and Botanist), and targeted searches by Sarah Wright and Andrew Wells (Associate Principal Vegetation Ecologist). All three ecologists have previously undertaken vegetation assessments and rare plant searches in dryland communities in the eastern basins of the South Island.

[1] Wildland Consultants (2026). Vegetation and habitat survey of The Point solar farm, January 2026. Contract Report 6621h(v). Prepared for Far North Solar Farms. 9pp.

3.1 Vegetation plots

3.1.1 Placement

A total of 32 vegetation plots (10x10 metres) were measured across the site (Figure 1). Twenty-nine of these plots are located within the solar farm site boundary, two plots are located within the property boundary but outside the site boundary, and one plot is located outside the property boundary in an adjacent area of DOC land. These plots were placed into the existing vegetation and habitat type polygons using a stratified random method with some modifications to ensure that greater survey effort was put into habitats likely to retain indigenous flora (see details below):

- Fourteen plots were in the brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield. Thirteen of the plots landed in the main polygon of this vegetation type in the northeast of the site, with one plot in the smaller polygon at the northwest of the development footprint. Two of the plots in the northeastern polygon were specifically placed at randomised locations within the proposed reserve area between the two gullies.
- Nine plots were in the cocksfoot-lucerne-haresfoot trefoil grassland.
- One plot was in the sweet brier/cocksfoot grassland.
- Two plots were in the sweet brier-matagouri shrubland in the eastern gullies; one point generated for each gully.
- Four plots were in the stonefield drylands; one plot each in the two gullies, and three plots in the long narrow area of stonefield dryland along the western margin.
- Two plots were located immediately outside the western boundary of the site. Although outside the site, these plots were in areas that had previously been mapped as brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield and stonefield drylands, respectively.

No plots were placed in high-producing exotic pasture, as this area is outside the development footprint and has been heavily modified such that no indigenous vegetation is likely to remain.

No plots were placed in cocksfoot-lucerne-haresfoot trefoil grassland and stonefield drylands in the far northwest of the site. This area is distant from the development footprint, being located on the far side of the irrigated high-producing exotic pasture, and it is unlikely to be affected by the proposed solar farm.

3.1.2 Plot methodology

A 10×10 metre (10m^2) grassland RECCE plot was used to survey plant composition at each plot location. Plant community composition and structure was measured by foliar cover of all plant species in five height tiers (5-12m, 2-5m, 1-2m, 0.3-1m, and <0.3m). Within each height tier, the percentage cover of foliage for each species was estimated visually using six cover classes (<1%; 1-5%; 6-25%; 26-50%; 51-75%; 76-100%). Ground cover was also estimated (percent vegetation, non-vascular plants, litter, bare ground, rock), and representative plot photographs for each vegetation type were taken.

3.2 Indigenous plant searches

3.2.1 Grid search points

A grid of 500-metre-spaced search points was generated across the property. In the eastern part of the site, all twelve grid points were visited for targeted plant searches. This area comprised the main area of brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield and the two gullies. This area was searched as it has been less intensively cultivated than the rest of the site, meaning that there is a greater possibility that some indigenous flora may have persisted or re-established in the farmland. Four additional grid points were also visited along the western and southern site boundary, as these areas were close to off-site indigenous flora. Additionally, the locations of detailed plant inspection

undertaken in January 2026 and shown in Figure A of Wildlands (2026) were also included as search points (Figure 1).

3.2.2 Targeted searches

Targeted searches for indigenous vegetation were focused in potentially higher-quality habitat for indigenous plant species around the eastern, southern, and western boundaries of the site. Less-intensively cultivated areas were focussed on, such as close to fencelines, within and around gullies, and terrace slopes/lower terraces. These areas were walked and searched thoroughly. The searches included areas just outside the site boundary, particularly along the western boundary where there were areas of indigenous grassland and shrubland close to the site boundary. All indigenous species were noted, and any At Risk or Threatened species were recorded with a hand-held GPS device. The exceptions to this were common mat daisy (*Raoulia australis*) in the eastern gullies, and resurrection lichen (*Xanthoparmelia semiviridis*). These species were seen frequently enough that they were not always way-pointed.

The far northwest corner of the property, outside the site boundary, was not thoroughly searched for indigenous flora, as this area is distant from the site and discontinuous with other areas of potential indigenous plant habitat due to the positioning of the centre-pivot irrigated area of high-producing pasture.

3.3 Total site survey effort

In total, four vegetation ecologists spent approximately 118 hours of time surveying the site (and adjacent habitat) for indigenous flora. Considering most of the site comprises cultivated pasture, this is a substantial amount of survey effort. Over 40 hours were focused on searches in areas of likely higher value for indigenous plants, mainly around the margins of the site and in the two gullies along the eastern boundary.

4.0 Results

4.1 Vegetation plots

The only indigenous plant species recorded in plots within the development footprint is the non-vascular resurrection lichen (At Risk – Declining), which was found in a total of 10 plots at the site. This included seven plots in the southern portion of brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield (six of these within the development footprint), as well as three plots along/outside the western site boundary. The only other indigenous species recorded in plots within the cultivated part of the property was onion orchid (*Microtis unifolia*; Not Threatened), which was found in two plots: one outside the site boundary and another in an area of brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield just within the eastern site boundary.

Only six vegetation plots contained additional indigenous plant species, and all were located either in the eastern gullies or outside the property boundary (PT1, PT5, PT12, PT49, PT58, PT123). Plots located close to these areas but in cultivated habitat types did not contain any of these indigenous species, suggesting a strong difference in indigenous species occurrence depending on the level of cultivation that has occurred.

The results of the vegetation plots confirmed the low species diversity and exotic-dominant character of the vegetation within the site (excluding the two gullies). Copies of the vegetation plot sheets have been included in Section 7 of this report. Some of the plot sheets contain unidentified plants, which were collected for later identification. Due to the fast turnaround of the project, there were some cases where the plot sheets were not subsequently updated to reflect the final species ID (e.g. PT68), leaving it unclear if a species within the site boundary was indigenous or exotic. For clarification:

- "Grass1", "Bromus 1", and "BROMUS4" were identified as *Bromus diandrus.*
- "Grass2" and "Bromus 2" were identified as *Bromus tectorum.*
- "Rytido" and "Bromus 3" were identified as an exotic *Vulpia* that could not be identified to species level.
- "GERAN" was identified as indigenous *Geranium brevicaule*.
- "Dodder" was identified as *Cuscuta epithymum*.
- "HERB2" was identified as *Taraxacum officinale*.

4.2 Indigenous plant searches

The only indigenous species found at any of the 500-metre grid points was resurrection lichen, which was present at five grid points in the southeast of the site (Figure 2).

4.2.1 New species

Four indigenous plant species not previously recorded at the site were identified during the February targeted searches. These are:

- *Raoulia apicinigra* (Not Threatened); two individuals were found within the southern gully at the east of the site.
- Short-flowered cranesbill (*Geranium brevicaule*; Not Threatened); one individual was found within the northern gully at the east of the site.
- Maniototo peppercress (*Lepidium solandri*; Threatened - Nationally Critical); six plants were recorded at the southern gully, along the terrace scarp crest on the northern side of the gully.
- *Carmichaelia vexillata* (At Risk – Declining); a single individual was identified within the site boundary; likely to have been previously recorded but misidentified as *C. monroi*.

While areas outside of the site boundary were not systematically searched, the searches undertaken found eight additional indigenous species in the areas inspected outside of the site boundary:

- Desert broom (*Carmichaelia petriei*; At Risk - Declining); likely to have been previously recorded but misidentified as *C. australis*.
- Plume grass (*Dichelachne crinita*; Not Threatened)
- *Luzula rufa* var. *albicomans* (Not Threatened)
- *Pimelea oreophila* (Not Threatened)
- Silver tussock (*Poa cita*; Not Threatened)
- Blue tussock (*Poa colensoi*; Not Threatened)
- *Rytidosperma australe* (Not Threatened)
- *Rytidosperma exiguum* (At Risk – Declining)

Rytidosperma exiguum was the only new At Risk or Threatened species identified, and was found just outside the eastern and western site boundaries, with a scattered occurrence within grasslands.

4.2.2 Other At Risk or Threatened species

Lepidium solandri was identified at two locations in the latest round of surveying:

- Six individuals were found within the site boundary at three locations along the eastern scarp edge of the southern gully.
- Six individuals were found approximately 25 metres outside the southwestern site boundary. These plant locations had also been noted within the survey undertaken by Susan Walker that is reported on in the Department of Conservation vegetation report submitted to the Panel (see Figure 2).

This confirms the ongoing presence of *L. solandri* within the site and in close proximity to the site margins, although not within the development footprint.

Two *Carmichaelia* species, *C. petriei* and *C. vexillata*, were identified during the February plant search. Species identification was confirmed by the presence of seedpods for both species. Previous surveying in 2022 had identified *C. monroi* and *C. australis* on-site; these were likely to be misidentifications of the two species seen in the latest survey. One individual of *C. vexillata* was seen within the site, outside the development footprint and close to the property boundary in the northwestern polygon of brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield. *Carmichaelia petriei* was only seen outside the site boundary, along lower western terraces. Previous fieldwork in 2022 has *C. australis* listed as being present on-site, however, *C. petriei* was not located within the site boundary despite thorough searching. This is likely to be a result of different site boundaries being used between the 2022 and 2026 field surveys. Accordingly, *C. petriei* is not considered to be present on-site.

Two of the *Rauolia* species identified on site in this and previous surveys, *R. apicinigra* and *R. hookeri*, may not have been assigned to the correct species. It is possible that *R. apicinigra* (Not Threatened) may be a misidentification of *R. beauverdii* (At Risk – Declining), and that *R. hookeri* (Not Threatened) may be a misidentification of *R. parkii* (At Risk – Declining). Depending on whether these species were identified correctly, an additional one or two At Risk – Declining species may be present at the site.

4.2.3 Indigenous vegetation

No areas of indigenous-dominant vegetation were detected on-site. The lower terraces west of the site boundary had notably higher indigenous flora values than what was seen within the site. This area was a patchwork of exotic grassland/herbfield, rockland, mixed dryland shrubland (matagouri [*Discaria toumatou*] and sweet brier [*Rosa rubiginosa*]), and indigenous short tussockland dominated by hard tussock (*Festuca novae-zelandiae*) with many *Carmichaelia* individuals present. Large, spreading patches of creeping pōhuehue (*Muehlenbeckia axillaris*) and scattered common mat daisy were also noteworthy in this area.

There was a clear pattern of increasing indigenous plant diversity in areas that were less modified by cultivation:

1. No indigenous flora was present in the cocksfoot-lucerne-haresfoot trefoil grassland sweet brier/cocksfoot grassland. These areas were heavily cultivated, with stones removed from the topsoil and even mosses and lichens largely absent.
2. In the brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield, scattered onion orchid and resurrection lichen were present. In specific fields that had been cultivated more recently, these species were absent.
3. Around the edges of the brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield there is more abundant onion orchid, and small patches of grassland sedge (*Carex breviculmis*) are occasionally present. In the northwestern area this comprises an area adjacent to the property boundary that sits on a lower, less recently cultivated terrace. In the eastern area, grassland sedge occurs only within a narrow strip 30 centimetres in width right beside the fenceline where cultivation has not occurred.
4. Within the two gullies and on lower terraces west of the property boundary there is a notably higher frequency and abundance of indigenous vegetation. These areas have not been historically cultivated.

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Data Acknowledgment

Map contains data sourced from LINZ
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Report: 6621i
Client: Far North Solar Farms
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Figure 1. Vegetation plot locations, grid search points, Point Solar Farm, MacKenzie Basin

0 500 1,000 m

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Scale: 1:19,000
Date: 23/02/2026
Cartographer: HM
Format: A3R

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Data Acknowledgment

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Report: 6621H
Client: Far North Solar Farms
Ref: 12573-2024
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Figure 2. Locations of Threatened or At Risk plants, The Point Solar Farm, Mackenzie Basin

0 500 1,000 m

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Scale: 1:19,000
Date: 23/02/2026
Cartographer: HM
Format: A3R

5.0 Species List

Species	Common Name	Status	Threat Ranking
New species - seen on-site			
Acaena agnipila	Australian sheep's bur	Exotic	
Anagallis arvensis	Scarlet pimpernel	Exotic	
Brassica oleracea	Wild cabbage, cauliflower	Exotic	
Bromus diandrus	Ripgut brome	Exotic	
Cerastium fontanum	Mouse-ear chickweed	Exotic	
Cotoneaster franchetii		Exotic	
Crepis capillaris	Hawksbeard	Exotic	
Cuscuta epithymum	Dodder	Exotic	
Dianthus armeria	Deptford pink	Exotic	
Galium divaricatum	Slender bedstraw;	Exotic	
Geranium brevicaule	Short-flowered cranesbill	Indigenous Non-Endemic	Not Threatened
Hypochaeris radicata	Catsear	Exotic	
Myosotis discolor	Grassland forget-me-not	Exotic	
Oxalis sp.		-	
Pilosella piloselloides subsp. *praealta*		Exotic	
Poa sp.		-	
Potentilla argentea		Exotic	
Raoulia apicinigra	Mat daisy	Indigenous Endemic	Not Threatened
Ribes uva-crispa	Gooseberry	Exotic	
Rytidosperma sp.		-	
Sanguisorba minor		Exotic	
Stellaria graminea	Stitchwort	Exotic	
Taraxacum officinale	Dandelion	Exotic	
Thelymitra sp.		-	
Vulpia sp.		Exotic	
New species, seen only off-site			
Dichelachne crinita	Plume grass	Indigenous Non-Endemic	Not Threatened
Luzula rufa var. *albicomans*		Indigenous Endemic	Not Threatened
Pimelea oreophila		Indigenous Endemic	Not Threatened
Poa cita	Silver tussock	Indigenous Endemic	Not Threatened
Poa colensoi	Blue tussock	Indigenous Endemic	Not Threatened
Rytidosperma australe		Indigenous Non-Endemic	Not Threatened
Rytidosperma exiguum		Indigenous Endemic	At Risk-Declining
Previously recorded species, seen on-site			
Achillea millefolium	Yarrow	Exotic	
Agrostis capillaris	Browntop	Exotic	
Aira caryophyllea	Silvery hair grass	Exotic	
Anthosachne solandri	Pātītī taranui	Indigenous Endemic	Not Threatened
Anthoxanthum odoratum	Sweet vernal	Exotic	
Bromus catharticus	Prairie grass	Exotic	
Bromus hordeaceus	Soft brome	Exotic	
Bromus tectorum		Exotic	
Capsella bursa-pastoris	Shepherds purse	Exotic	
Carex breviculmis	Grassland sedge	Indigenous Non-Endemic	Not Threatened
Carmichaelia vexillata		Indigenous Endemic	At Risk-Declining
Chenopodium album	Fathen	Exotic	
Cichorium intybus	Chicory	Exotic	
Cirsium arvense	Californian thistle	Exotic	
Coprosma propinqua	Mikimiki	Indigenous Endemic	Not Threatened
Cytisus scoparius	Broom	Exotic	
Dactylis glomerata	Cocksfoot	Exotic	
Discaria toumatou	Tūmatakuru, matagouri	Indigenous Endemic	Not Threatened
Echium vulgare	Viper's bugloss	Exotic	

Species	Common Name	Status	Threat Ranking
Erodium cicutarium	Storksbill	Exotic	
Festuca novae-zelandiae	Hard tussock	Indigenous Endemic	Not Threatened
Festuca rubra	Red fescue	Exotic	
Geranium molle	Dovesfoot cranesbill	Exotic	
Hypericum perforatum	St John's wort	Exotic	
Leontodon taraxacoides	Hawkbit	Exotic	
Lepidium solandri	Maniototo peppercress	Indigenous Endemic	Threatened-Nationally Critical
Lolium perenne	Ryegrass	Exotic	
Lotus pedunculatus	Lotus	Exotic	
Medicago sativa	Lucerne	Exotic	
Melicytus alpinus		Indigenous Endemic	Not Threatened
Microtis unifolia	Māikaika, onion orchid	Indigenous Non-Endemic	Not Threatened
Muehlenbeckia axillaris	Pōhuehue	Indigenous Non-Endemic	Not Threatened
Pilosella officinarum	Mouse-ear hawkweed	Exotic	
Pinus contorta	Lodgepole pine	Exotic	
Pinus sp.		Exotic	
Plantago lanceolata	Narrow-leaved plantain	Exotic	
Poa trivialis	Rough stalked meadow grass	Exotic	
Polygonum aviculare	Wireweed	Exotic	
Populus alba	White poplar	Exotic	
Populus deltoides	Eastern cottonwood	Exotic	
Raoulia australis	Common mat daisy	Indigenous Endemic	At Risk-Declining
Raoulia hookeri	Scabweed	Indigenous Endemic	Not Threatened
Rosa rubiginosa	Sweet brier	Exotic	
Rumex acetosella	Sheep's sorrel	Exotic	
Salix fragilis	Crack willow	Exotic	
Sedum acre	Stonecrop	Exotic	
Thelymitra longifolia	Māikaika, white sun orchid	Indigenous Non-Endemic	Not Threatened
Trifolium arvense	Haresfoot trefoil	Exotic	
Trifolium pratense	Red clover	Exotic	
Trifolium repens	White clover	Exotic	
Trifolium subterraneum	Subterranean clover	Exotic	
Verbascum thapsus	Woolly mullein	Exotic	
Verbascum virgatum	Moth mullein	Exotic	
Veronica arvensis	Field speedwell	Exotic	
Vulpia bromoides	Vulpia hair grass	Exotic	
Vulpia myuros	Vulpia hair grass, rats tail fescue	Exotic	
Wahlenbergia albomarginata	New Zealand harebel	Indigenous Endemic	Not Threatened
Xanthoparmelia semiviridis	Resurrection lichen	Indigenous Non-Endemic	At Risk-Declining
Previously recorded species, seen only off-site			
Carmichaelia petriei	Desert broom	Indigenous Endemic	At Risk-Declining
Juncus conglomeratus	Soft rush;	Exotic	
Populus nigra	Lombardy poplar	Exotic	
Salix sp.		Exotic	
Salix viminalis	Osier	Exotic	
Sambucus nigra	Elder	Exotic	
Schoenus pauciflorus	Bog rush, sedge tussock	Indigenous Endemic	Not Threatened
Typha orientalis	Raupō	Indigenous Non-Endemic	Not Threatened

6.0 Photographs

Plate 1: Vegetation plot located in the cocksfoot-lucerne-haresfoot trefoil grassland vegetation type, within the development footprint.

Plate 2: Vegetation plot location in the Brome-hawkweed-sheep's sorrel-haresfoot trefoil grassland/herbfield vegetation type, in a less recently cultivated paddock with a distinctive swale containing denser exotic vegetation.

Plate 3: Plot located in stonefield dryland habitat along the western margin of the site.

Plate 4: Vegetation plot located in sweet brier-matagouri shrubland in the southern gully.

Plate 5: Indigenous short tussock grassland on a terrace slope directly west of the site boundary, showing canopy of hard tussock and occasional *Carmichaelia petriei*.

Plate 6: Stonefield habitat on the terrace scarp of the southern gully on the eastern site margin. This habitat contained Maniototo peppercress on the lip of the scarp, as well as populations of *Raoulia australis* and *R. apicinigra*.

Plate 7: Maniototo peppercress on the lip of the terrace scarp of the southern gully on the eastern site margin.

7.0 Plot Sheets

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT79 DAY/MONTH/YEAR: 10/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1372324

MEASURED BY: LL, AW Northing: 5089138

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 85%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 1%
CULTURAL	None, Burnt, Logged,	S	Litter 10%
	Mined, Grazed, Tracked	SW	Bare Ground 6%
APPROACH		W	Rock 1%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

XANsem present

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

Page 2 of 2

RECCE IDENTIFIER: PT 79 MEASURED BY: LL, AW

DATE: 10/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~
Overall cover				2	2	MEDsat
				1	1	PLAlan
Tier 7					2	Bromus3
Epiphytes					5	TRIarv
					1	CREcap
					2	RUMace
					2	TRIrep
					1	ROSrub
					1	Bromus1
					1	Bromus2
					5	PILoff
					1	AIRcur
				2	6	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 61 DAY/MONTH/YEAR: 10/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377585

MEASURED BY: LL, AW Northing: 5689200

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 90%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular <1%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 5%
		SW	Bare Ground 5%
APPROACH		W	Rock 1%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

XAN sem

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

Page 2 of 2

RECCE IDENTIFIER: 10/02/26 PT61 MEASURED BY: LL, AW

DATE: _____ RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~0.3 m	~~<0.1 m~~
Overall cover				3	3	MEDsat
				1	1	ROSrub
Tier 7				1	1	CREcap
Epiphytes					1	TRIpra
					4	TRIaru
					1	TRIrep
					2	HYPper
					2	RUMdce
					4	PILoff
					1	Bromns1
					1	Bromns2
					2	Bromns3
				3	6	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 63 DAY/MONTH/YEAR: 10/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1378002

MEASURED BY: LL, AW Northing: 5690019

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 60%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 15%
		SW	Bare Ground 5%
APPROACH		W	Rock 35%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
FAUNA (e.g. mammal, bird, reptile, invertebrate)	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

Page 2 of 2

RECCE IDENTIFIER: PT 63 MEASURED BY: LL, AW

DATE: 10/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	0.1–0.3 m	<0.1 m
Overall cover				2	2	MED sat
				1	1	PLA lan
Tier 7				1	1	ECH mul
Epiphytes					3	PIL ulf
					4	RUMace
					1	TRI rep
					1	TRI pra
						~~TRI~~
					1	VER arv
					1	VER the
					1	CHE alb
					4	BRO dia
				1	1	BRO hor
					1	ANA arv
					1	BR Ade
				2	5	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT64 DAY/MONTH/YEAR: 10/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1397050

MEASURED BY: LL, AW Northing: 5087359

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°)	Flat Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 75% 80%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 12%
CULTURAL	None, Burnt, Logged,	S	Litter 15%
	Mined, Grazed, Tracked	SW	Bare Ground 15%
APPROACH		W	Rock 8%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

XANsem

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

Page 2 of 2

RECCE IDENTIFIER: PT64 MEASURED BY: LL/AW

DATE: 10/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~
Overall cover					5	PIL off
					2	RUMace
Tier 7					4	TRI ar
Epiphytes				1	1	ECH vul
				2	2	Bromus
					1	RES rub
					1	TRI rep
						~~PLA lan~~
					1	PIL psp
					1	ROS rub
					1	Bromus 3
				2	6	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 73 DAY/MONTH/YEAR: 10/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377205

MEASURED BY: LL, AW Northing: 5087683

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 90%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 7%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 20%
		SW	Bare Ground 1%
APPROACH		W	Rock 1%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural) XANsem present			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

Page 2 of 2

RECCE IDENTIFIER: PT73 MEASURED BY: LL, AW

DATE: 10/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1–0.3 m~~	~~≤0.1 m~~
Overall cover					1	MIC un:
				4	4	Bromus?
Tier 7					4	TRI an
Epiphytes					3	TRI pra
					2	TRI rep
				3	3	ECH vul
					4	PIL ofc
				1	1	MED sat
				2	2	PLA lan
						~~PLE psp~~
				1	2	ROS rub
					2	AGR cap
					3	RUM ace
				1	1	ANT odo
					1	FES rub
					1	LOL per
				4	6	Overall

12:30

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: ~~PT1 (#68)~~ PT68 DAY/MONTH/YEAR: 10/02/26

SURVEY: _____ AERIAL PHOTO: _____

REGION: _____ TOPO. MAP NO. & NAME: _____

CATCHMENT: _____ GPS REFERENCE: GPS Make & Model: _____

SUB-CATCHMENT: _____ Easting: 1377440

MEASURED BY: AW.LL,SW Northing: 5089023

RECORDED BY: AW Single / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°)	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation ~~75~~ 85%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 1%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 15%
		SW	Bare Ground 0%
APPROACH		W	Rock 3%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

NOTES (including cultural)

Resurrection lichen present

LOCATION DIAGRAM

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

Page 2 of 2

RECCE IDENTIFIER: PT 68 MEASURED BY: AW, LL, SW

DATE: 10/02/26 RECORDED BY: AW

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~ 30
Overall cover					1-30	
Tier 7						
Epiphytes						
				1	6	Overall
				1	1	TRIpra
					4	TRIaru
					2	TRIcep
					4	PILoff
					5	RUMacl
					1	PLAlan
					4	CRIcap
					1	CRITES
					1	CERFon
					2	AIRca/
				1	1	MEDsat?1
					1	Grass 2
					1	Grass 2
					1	Rytido
					1	PILpsp

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 78 DAY/MONTH/YEAR: 10/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377 392

MEASURED BY: LL, SW Northing: 5086561

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation ~~75%~~ 80%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 1%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 20%
		SW	Bare Ground 7%
APPROACH		W	Rock 8%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

XAN seen present

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

Page 2 of 2

RECCE IDENTIFIER: PT 78 MEASURED BY: LL, SW

DATE: 10/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	<0.1 m
Overall cover					3	RUMacp
					4	TRIaru
Tier 7					1	ROSrub
Epiphytes				1	1	MEDsat
					1	~~HYPrad~~ HYPper
					1	PLAlan
					1	TRIrep
					1	TRIpra
					1	CREcap
					1	Bromus sp2
					5	PILoff
				1	6	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 80 DAY/MONTH/YEAR: 10/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377193

MEASURED BY: LL AW Northing: 5088007

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 80%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 5%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 15%
		SW	Bare Ground 10%
APPROACH		W	Rock 5%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

XANsem present

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

PT80
10/02/26

2 of 2

0-3-1-0	0-0-3	
	1	ANTodo
	2	Bromus 2
	1	Bromus 1
	1	~~HYPrad~~ HYPper
	1	TRI rep
	5	TRI aru
1	1	ROS rub
	6	PIL off
	1	PLA lan
1	1	ECH vul
	2	RUM ace
	1	PIL psp
	1	TRI pra
1	6	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 58 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1378291

MEASURED BY: SW, LL Northing: 5089506

RECORDED BY: SW Single / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)	—		Size of broken rock <30cm / >30cm
SLOPE (°)	— Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 70
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 2
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 10
		SW	Bare Ground 1
APPROACH		W	Rock 75
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

Page 2 of 2

RECCE IDENTIFIER: PT58 MEASURED BY: SW, LL

DATE: 11/02/26 RECORDED BY: SW

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	0.1–0.3 m	<0.1 m
Overall cover		1	3	3	5	overall
Tier 7						
Epiphytes		✓ 1	✓ 2	✓ 2	✓ 1	PINcon
					✓ 2	ECHvul
					✓ 2	CAPbre
					✓ 3	MUEaxi
					✓ 4	PILoff
					✓ 3	ANTodo
			✓ 3	✓ 3	✓ 1	ROSrub
					2	VERtha
					1	RUMace
					✓ 1	TRIaru
					✓ 1	FESrub
				✓ 1	✓ 1	FESnov
					✓ 1	GERAN
					✓ 1	POA
					✓ 1	RANacr
				✓ 1	✓ 1	DISfon
					✓ 1	OACgl
					✓ 1	DIAarm

In DOC reserve

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT123 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1375412

MEASURED BY: LL, SW Northing: 5089223

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)	not measured		Size of broken rock <30cm / >30cm
SLOPE (°)	not measured Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 95%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 2%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 20%
		SW	Bare Ground 1%
APPROACH		W	Rock 1%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

XANsem

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

Page 2 of 2

RECCE IDENTIFIER: _____ MEASURED BY: _____

DATE: _____ RECORDED BY: _____

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~
Overall cover			1	1	6	
					1	CYTsco
Tier 7			1	1	1	ROSrub
Epiphytes					6	PILoff
					~~0~~	~~TRIsp.~~
					4	PTEsub
					1	Vulpia sp.
					1	MYUni
					1	CARbre
					~~1~~	~~RACbo~~
					1	AIRcar
					1	POAcol
					2	ANTodo
					2	TRIaru
					1	Rytido sp.
					1	HYPper
					1	RUMace
					1	AGRcap
					1	Myosotis sp.
					1	RAOaus
					1	THELYM
					1	FESnov

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 72 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1375473

MEASURED BY: LL Northing: 5089320

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 90%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 1%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 20%
		SW	Bare Ground 1%
APPROACH		W	Rock 1%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
FAUNA (e.g. mammal, bird, reptile, invertebrate)	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

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RECCE IDENTIFIER: PT72 MEASURED BY: LL

DATE: 11/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~
Overall cover				1	6	
				1	1	ECHvul
Tier 7					2	Vulpig
Epiphytes					1	BROtec
					3	CREcap
					4	THIarv
					2	PILxst
					4	RUMace
					1	~~LEOsax?~~ HYPrad
					1	Herb17 ACtagn

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT66 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377712

MEASURED BY: LL Northing: 5091044

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°)	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 95
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 10
		SW	Bare Ground 1
APPROACH		W	Rock 1
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT66 MEASURED BY: LL

DATE: 11/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	0.1–0.3 m	<0.1 m
Overall cover				✓1	✓2	ECHvul
					6	MEDSat
Tier 7					✓4	TRIaru
Epiphytes					✓P2	RUMace
					✓1	BRodia
					✓1	VERthy
					1✓	ACHmil
					1✓	CREcap
				1	6	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT69 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377608

MEASURED BY: LL Northing: 5090553

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 85%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged,	S	Litter 15%
	Mined, Grazed, Tracked	SW	Bare Ground 5%
APPROACH		W	Rock 15%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT69 MEASURED BY: LL

DATE: 11/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~<0.3 m	~~≤0.1 m~~
Overall cover				2	3	BROtec
				1	2	ECHvul
Tier 7					1	PILxst
Epiphytes				1	1	VERtha
						~~ECHvul~~
					~~1~~5	TRIarv
					3	RUMace
					1	Vulpia sp.
					1	CREcap
					4	MEDsat
					3	PILoff
				~~2~~3	6	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT74 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377425

MEASURED BY: LL, SW Northing: 5090679

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 85%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 10%
		SW	Bare Ground 25%
APPROACH		W	Rock 5%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

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RECCE IDENTIFIER: PT 74 MEASURED BY: LL, SW

DATE: 11/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~ 0.3 m	~~<0.1 m~~
Overall cover				1	6	
					3	MED sat
Tier 7					1	CRE cap
Epiphytes					5	TRI aru
				1	1	ECL tva
					1	BRO tec
					1	BRO dia
					3	PIL xst
					2	RUM acc
					1	PIL off
					1	PIL psp

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 3

RECCE IDENTIFIER: PT1 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377306

MEASURED BY: LL, SW Northing: 5089518

RECORDED BY: LL, SW

(Single) / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, (Gully), Terrace		Broken rock %
ASPECT (0–359°)	231°		Size of broken rock <30cm / >30cm
SLOPE (°)	18° Convex, Concave, (Linear)	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 25%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 1%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 5%
		SW	Bare Ground 3%
APPROACH		W	Rock ~~85%~~ 95%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT1 MEASURED BY: LL, SW

DATE: 11/02/26 RECORDED BY: LL, SW

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	0.1–0.3 m	<0.1 m
Overall cover		2	3	3	4	
					✓1	CARbre*
Tier 7					✓1	DILxst
Epiphytes				✓2	2	ROSrub
					2	TRIaV
					3	ANTado
					4	PILoff
						~~ROSrub~~
		✓2	✓3	✓3	✓2	PINCo-
					✓1	RUMacl
					✓1	MELalp
					✓1	DISsp
					✓2	MUEaR1
					✓1	VERAnn
					✓1	ECHund
					✓1	AIRcaV
					✓1	HYPpu

RECONNAISSANCE (RECCE) SHEET

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RECCE IDENTIFIER: PT5 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model: Extrek

SUB-CATCHMENT: Easting: 1377911

MEASURED BY: SW, LL Northing: 5088951

RECORDED BY: SW (Single) / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)		**SURFACE CHARACTERISTICS:**
ALTITUDE (m)				Bedrock %
PHYSIOGRAPHY	Ridge, Face, (Gully), Terrace			Broken rock %
ASPECT (0–359°) 61°				Size of broken rock <30cm / >30cm
SLOPE (°) 25 [illegible] 0 70	Convex, Concave, (Linear)	N		Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE		**GROUND COVER %:**
	Mapped / Observed	E		Vegetation 35
DRAINAGE	Good, Moderate, Poor	SE		Non-vascular 1
CULTURAL	None, Burnt, Logged,	S		Litter 1
	Mined, Grazed, Tracked	SW		Bare Ground
APPROACH		W		Rock 100
		NW		AVERAGE TOP HEIGHT (m)
				CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT5 MEASURED BY: SW, LC

DATE: 11 Feb 26 RECORDED BY: SW

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	0.1–0.3 m	<0.1 m
Overall cover			✓ 1	✓ 2	✓ 3	ROSrul
Tier 7						
Epiphytes				1	2	VERtha
					1	RAOaus
					1	AGRcap
					1	HYPper
					3	PILoff
					~~3~~ 2	RUMace
					1	PIXst
					2	MUEaxi
					1	PLAlan
					1	PILpsp
					1	WAHalb
					1	TRIaru
					1	TRIpra
					1	ECHvul
				2	4	Overall

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 49 (moved) DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1377932

MEASURED BY: SW, LL Northing: 5089969

RECORDED BY: SW (Single) / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, (Gully), Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°)	Convex, (Concave), Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 80
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 2
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 10
		SW	Bare Ground <1
APPROACH		W	Rock 100
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT49 MEASURED BY: SW, LL

DATE: 11/02/26 RECORDED BY: SW LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	0.1–0.3 m	<0.1 m
Overall cover			✓ 3	✓ 3	✓ 3	ROSrub
			✓ 2	✓ 3	✓ 3	DISton
Tier 7					✓ #2	RUMacr
Epiphytes					✓ 1	CERfon
				✓ 1	✓ 4	ANTodo
				✓ 1	✓ 2	MELalp
					✓ 1	PLAlan
					✓ 1	POA
					✓ 1	DACglo
					✓ 1	AIRcar
					✓ 1	RHYcel S
				✓ 1	✓ #2	ECHvul
					✓ 1 #2	HYPrad ✓
						~~RUBfru~~
					✓ 1	MYOdis
			✓ 1	✓ 2	✓ 2	COTfra
				✓ 1	✓ 1	RIBsan
					✓ 3	PILot
					✓	BRODia
					✓	BROhor
					✓ 1	STEgra
						~~FESrub~~
					✓ 1	CARbre
					✓ 1	FESrub
					✓ 1	OXALIS
					✓ 1	ANTsol
					✓ 1	GERANI
					✓ 2	TRIarv
					✓ 1	FILsp
						~~Orchid~~ 1
⊕					✓ 3	MYOaxi
					✓ 1	PILxst
			4	4	6	Overall
					✓ 1	GALdiv
					✓ 1	POTarg
					1	Dodder

RECONNAISSANCE (RECCE) SHEET

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RECCE IDENTIFIER: PT122 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1378199

MEASURED BY: LL Northing: 5084391

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, (Linear)	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 85%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 15%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 35%
		SW	Bare Ground 3%
APPROACH		W	Rock 5%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

Page 2 of 2

RECCE IDENTIFIER: PT 122 MEASURED BY: LC

DATE: 11/02/26 RECORDED BY: LC

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~
Overall cover				4	5	Overall
				4	4	NEDsat
Tier 7					3	VERtha
Epiphytes					1	HYPper
					3	TRIrep
					4	TRIarv
					2	CRECap
					1	PILsto
					3	PILoff
					2	RUMace
					2	Vulpia sp.
				1	1	EECHvul
					1	PLAlan
					2	Bromus1
					1	TRIpra

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT121 DAY/MONTH/YEAR: 11/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1378017

MEASURED BY: SW Northing: 5089261

RECORDED BY: SW Single / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)	X		Size of broken rock <30cm / >30cm
SLOPE (°)	X Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 85
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 1
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 10
		SW	Bare Ground 2
APPROACH		W	Rock 5
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

Page 2 of 2

RECCE IDENTIFIER: PT121 MEASURED BY: SW

DATE: 11/02/26 RECORDED BY: SW

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	0.1–0.3 m	<0.1 m
Overall cover				2	6	overall
				✓ 1	✓ 2	ROSrub
Tier 7				✓ 1	✓ 1	ECHvul
Epiphytes				✓ 2	✓ 2	MEDsat
					✓ ~~4~~ 5	TRIaru
					✓ 1	TRIpra
					✓ 5	PILoff
					✓ 2	PILxsto
					✓ ~~2~~ 3	VULPIA
					✓ 2	BROdia
					✓ 1	RUMace
					✓ 1	HYPpor
					✓ 1	PILpsp

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT12 DAY/MONTH/YEAR: 12/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1375882

MEASURED BY: SW, LL Northing: 5088533

RECORDED BY: SW Single / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)	219		Size of broken rock <30cm / >30cm
SLOPE (°) not measured	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 85
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 2
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 5
		SW	Bare Ground 1
APPROACH		W	Rock 30
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT12 MEASURED BY: SW, LL

DATE: 12/02/26 RECORDED BY: SW

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	0.1–0.3 m	<0.1 m
Overall cover				2	6	
				FESnov ~~B~~ 2	✓ 3	—
Tier 7					ANTodo 3	
Epiphytes				ROScob 1	✓ 1	
					RADaus? 1	
					GER 1	
					RYT 1	
					CRIcap 1	
					WAHalb 1	
					AGRcap 2	
					CARb? 1	
					~~ANT~~	
					RUMace 1	
					PINcon 1	
					AIRcar 1	
					ANTsol 1	
					XANsem 1	
					PILxst 1	
					PILoff 5	
					POAcol 1	
				✓ 1	CYTsco 1	
					THELYM 1	
					TRIarv	
					RADhoo 1	
					ECHvul 1	
					~~CYTsco~~	
					FESrub 1	
					THELYM 1	
					HYPper 1	
					PILpsp 1	

RECONNAISSANCE (RECCE) SHEET

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RECCE IDENTIFIER: PT07 DAY/MONTH/YEAR: 12/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1375698

MEASURED BY: LL, SW Northing: 5088871

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 80%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular ~~15%~~ 10%
CULTURAL	None, Burnt, Logged,	S	Litter 25%
	Mined, Grazed, Tracked	SW	Bare Ground 4%
APPROACH		W	Rock ~~15%~~ 10%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT07 MEASURED BY: LL, SW

DATE: 12/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.3~~>0.3 m	~~<0.1 m~~
Overall cover				1	6	
				1	1	MEDsat
Tier 7					3	RUMace
Epiphytes					3	TRIarv
					4	AIRcar
					5	PILxst
					1	PILoff
					1	TRIrep
					1	ANTodo
					1	ACAagn
					2	CREcap
					1	BROMUS4
					1	ROSrub

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PTO3 DAY/MONTH/YEAR: 12/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1375674

MEASURED BY: LL, SW Northing: 5088879

RECORDED BY: LL (Single) / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 60%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 20%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 30%
		SW	Bare Ground 5%
APPROACH		W	Rock 8%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

XANIsemi present

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
FAUNA (e.g. mammal, bird, reptile, invertebrate)	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

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RECCE IDENTIFIER: PT03 MEASURED BY: LL, SW

DATE: 12/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~
Overall cover					5	
					4	PIL xst
Tier 7				1	1	DACglo
Epiphytes					~~2~~3	RUMace
					2	TRIaru
					3	AIRcar
					~~1~~	~~1~~ANTodo
					1	ACAagn?
					1	CREcap
						~~TRIrep?~~
					2	PILoff
					1	VULPIA
					1	TRIsub

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National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT 28 DAY/MONTH/YEAR: 12/02/06

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1376811

MEASURED BY: LL Northing: 5037933

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 75%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged,	S	Litter 25%
	Mined, Grazed, Tracked	SW	Bare Ground 2%
APPROACH		W	Rock 0%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT28 MEASURED BY: LL

DATE: 12/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	<0.1 m
Overall cover				3	6	
				MEDsat 3	3	
Tier 7				DACglo 3	3	
Epiphytes					TRIaru 6	
				BRODia 2	2	
					RUMace 3	
					TRIrep 2	
					PLAlan 1	
					PILxst 2	
					ACAagn 1	
					PILoff 1	
					HERB 2/1	

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RECCE IDENTIFIER: PT30 DAY/MONTH/YEAR: 12/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1376222

MEASURED BY: LL Northing: 5088487

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 70%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged,	S	Litter 40%
	Mined, Grazed, Tracked	SW	Bare Ground 6%
APPROACH		W	Rock 0%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT30 MEASURED BY: LL

DATE: 12/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~>0.3 m	<0.1 m
Overall cover				4	5	
				MEDsat 3	3	
Tier 7				DACglo 3	3	
Epiphytes					PLAlan 2	
					TRIaru 5	
					ROYace 2	
					TRIrep 2	
					PILoff 3	
					TRIpra 1	
					CICint 1	
					HYPper 1	
					HERB2 1	
				ROSrub 1	1	
					TRIsub 1	
					LOLper 1	
					AGHmil 2	

RECONNAISSANCE (RECCE) SHEET

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RECCE IDENTIFIER: PT33 DAY/MONTH/YEAR: 12/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1376097

MEASURED BY: LL Northing: 5089089

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 90%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 30%
		SW	Bare Ground 0%
APPROACH		W	Rock 0.1%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

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RECCE IDENTIFIER: PT33 MEASURED BY: LL

DATE: 12/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~ 0.3 m	~~<0.1 m~~
Overall cover				3	6	
				MEDsat 3		
Tier 7				BROdia 2		
Epiphytes					PLAlan 1	
					ROMace 4	
					TRIarv 5	
					TRIrep 1	
					PLIxst 3	
					CREcap 2	
					BROtec 1	
				DACglo 1		
					TRIsub 2	
				TRIpra 1		
					ECHvul 1	

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RECCE IDENTIFIER: PT25 DAY/MONTH/YEAR: 12/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1376471

MEASURED BY: LL Northing: 5088941

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ___ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL	Mapped / Observed	NE	**GROUND COVER %:**
		E	Vegetation 95%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 10%
		SW	Bare Ground 0%
APPROACH		W	Rock 0%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: 25 MEASURED BY: LL

DATE: 12/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~
Overall cover				3	6	
				DACglo 2	DACglo 3	
Tier 7				MEDsat 3	MEDsat 3	
Epiphytes					PLAlan 2	
					TRIarv 6	
					PLAsto 3	
					RUMace 2	
					TRIrep 1	
					LOLper 1	
					BROtec 1	
					TARoff 1	

RECONNAISSANCE (RECCE) SHEET

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RECCE IDENTIFIER: PT 9 DAY/MONTH/YEAR: 12/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1375913

MEASURED BY: LL Northing: 5088765

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 75%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter ~~25%~~ 30%
		SW	Bare Ground 0%
APPROACH		W	Rock 0%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)

LOCATION DIAGRAM

NOTES (including cultural)

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

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RECCE IDENTIFIER: PT39 MEASURED BY: LL

DATE: 12/02/26 RECORDED BY: LL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~–0.3 m	~~<0.1 m~~
Overall cover				5	5	
				MEDsat 4	~~MEDsat~~ 4	
Tier 7				DACglo 3	3	
Epiphytes					PLAlan 2	
					ECHvul 1	
				ROSrub 1	1	
					TRIarv 3	
					TRIrep 2	
					ROMacc 1	
				BRObig 1	1	
					LOLper 1	
					CREcap 1	

RECONNAISSANCE (RECCE) SHEET

National Vegetation Survey Databank (http://nvs.landcareresearch.co.nz/) Page 1 of 2

RECCE IDENTIFIER: PT24 DAY/MONTH/YEAR: 12/02/26

SURVEY: AERIAL PHOTO:

REGION: TOPO. MAP NO. & NAME:

CATCHMENT: GPS REFERENCE: GPS Make & Model:

SUB-CATCHMENT: Easting: 1375847

MEASURED BY: LL Northing: 5088790

RECORDED BY: LL Single / Averaged; 2D / 3D; ± ____ m; Datum: NZGD49 / NZGD2000

SIZE OF RECCE		**MESOSCALE TOPOGRAPHIC INDEX** (°, record +/–)	**SURFACE CHARACTERISTICS:**
ALTITUDE (m)			Bedrock %
PHYSIOGRAPHY	Ridge, Face, Gully, Terrace		Broken rock %
ASPECT (0–359°)			Size of broken rock <30cm / >30cm
SLOPE (°) Flat	Convex, Concave, Linear	N	Alluvial, Colluvial, Moraine, Volcanic
PARENT MATERIAL		NE	**GROUND COVER %:**
	Mapped / Observed	E	Vegetation 90%
DRAINAGE	Good, Moderate, Poor	SE	Non-vascular 0%
CULTURAL	None, Burnt, Logged, Mined, Grazed, Tracked	S	Litter 20%
		SW	Bare Ground 0%
APPROACH		W	Rock 0-5%
		NW	AVERAGE TOP HEIGHT (m)
			CANOPY COVER (%)
		LOCATION DIAGRAM	
NOTES (including cultural)			

BROWSE

Species	Severity	Herbivore	Species	Severity	Herbivore
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	
	L M H			L M H	

FAUNA (e.g. mammal, bird, reptile, invertebrate)

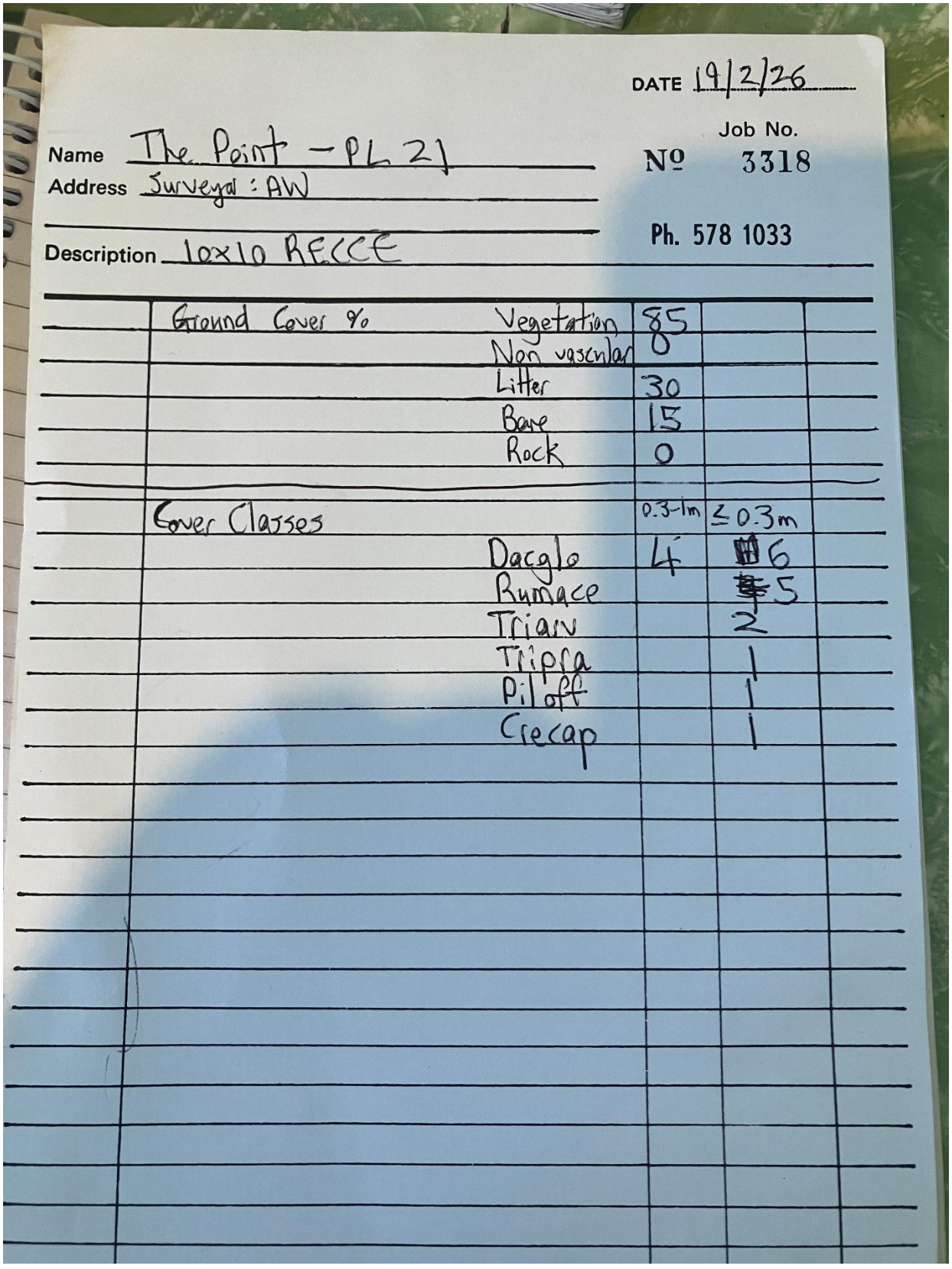
Page 2 of 2

RECCE IDENTIFIER: 26 MEASURED BY: CL

DATE: 12/02/26 RECORDED BY: CL

Cover-classes: 1 = <1%, 2 = 1–5%, 3 = 6–25%, 4 = 26–50%, 5 = 51–75%, 6 = 76–100%.

	Tier 3	Tier 4	Tier 5A	Tier 5B	Tier 6A	Tier 6B
	5–12 m	2–5 m	1–2m	0.3–1m	~~0.1~~0.3 m	~~<0.1 m~~
Overall cover				4	6	
				MEDsat3		
Tier 7				DACglo 3		
Epiphytes					ECHwol 2	
					TRIrep 1	
					TRIarv 6	
					PILoff 2	
					PILst 1	
					RUMace 3	
					BROtec 2	
				BROdig 1	~~BRO~~dig 1	
					PLAlan 1	
					ACAagr 1	
					CIC int 1	



DATE 19/2/26

Name The Point – PL 21

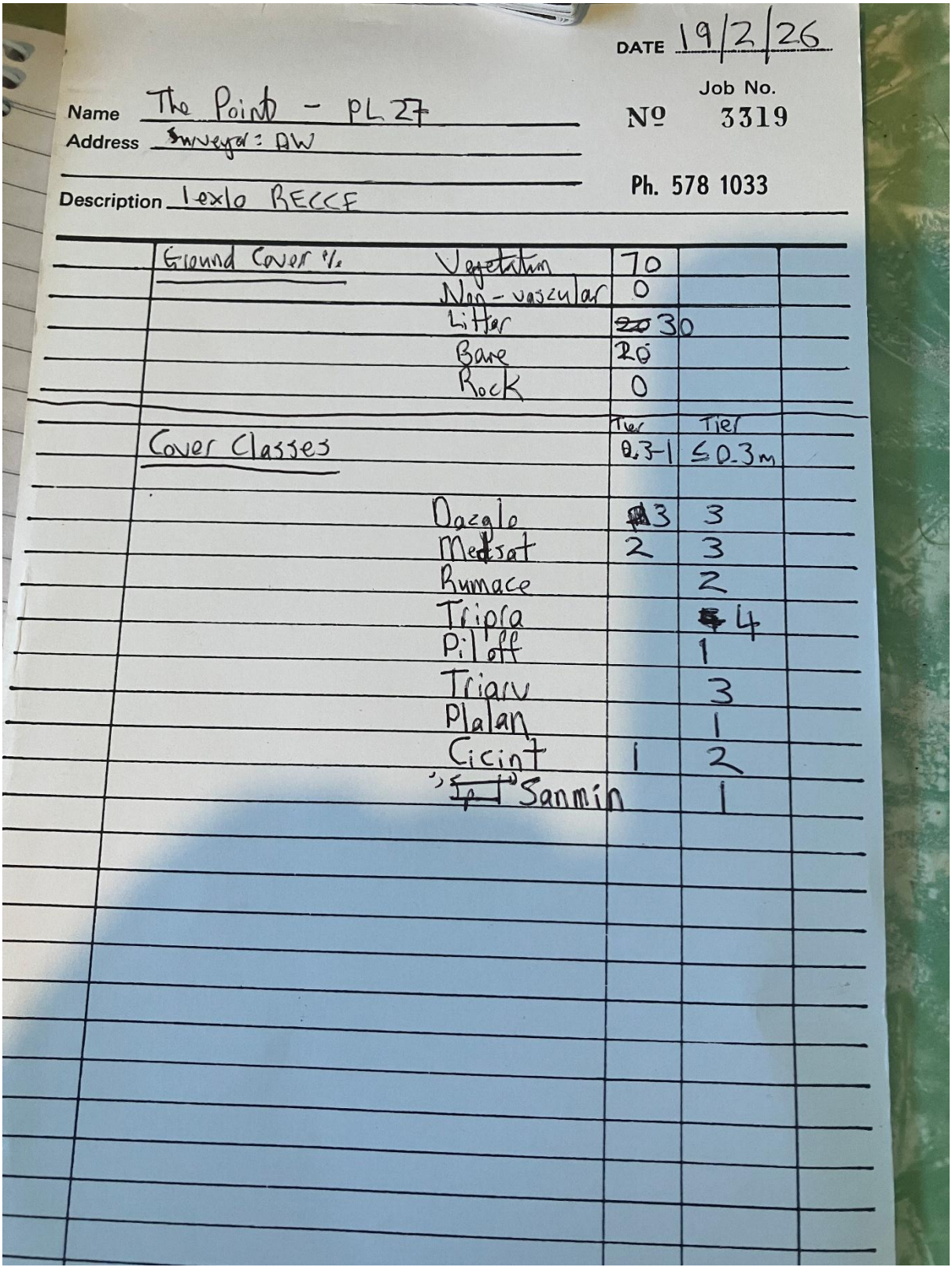
Address Surveyor: AW

Description 10x10 RECCE

Job No. Nº 3318

Ph. 578 1033

Ground Cover %	Vegetation	85	
	Non vascular	0	
	Litter	30	
	Bare	15	
	Rock	0	
		0.3-1m	≤0.3m
Cover Classes			
	Dacglo	4	6
	Rumace		5
	Triarv		2
	Tripra		1
	Pilaff		1
	Crecap		1



DATE 19/2/26

Name The Point - PL 27

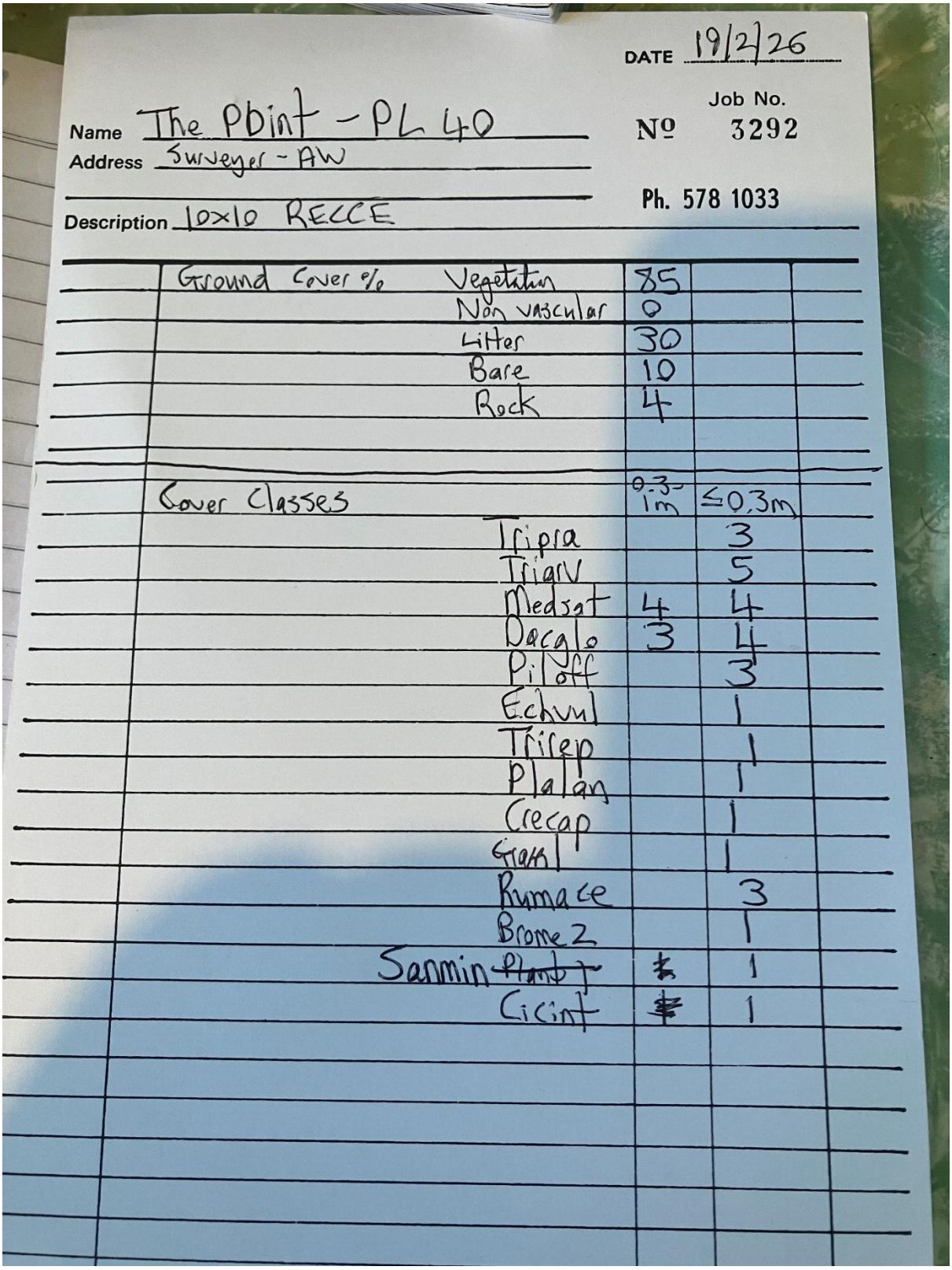
Address ~~Surveyor~~: AW

Job No. Nº 3319

Description Iexlo RECCE

Ph. 578 1033

Ground Cover %	Vegetation	70	
	Non-vascular	0	
	Litter	~~20~~ 30	
	Bare	20	
	Rock	0	
		Tier 0.3-1	Tier ≤0.3m
Cover Classes			
	Dacglo	~~4~~ 3	3
	Medsat	2	3
	Rumace		2
	Tripra		~~5~~ 4
	Pilaff		1
	Triarv		3
	Plalan		1
	Cicint	1	2
	~~Ep~~ Sanmin		1



DATE 19/2/26

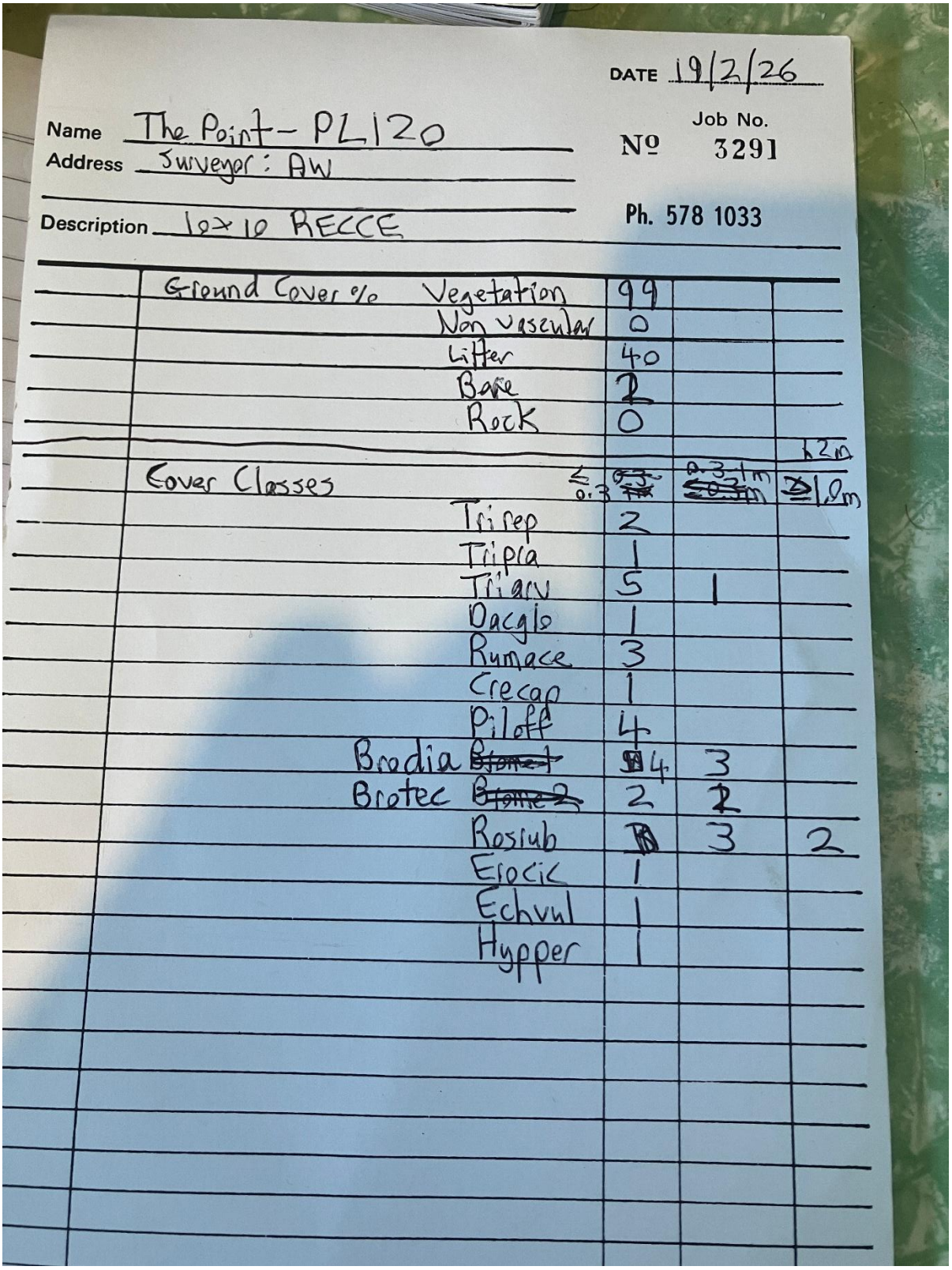
Name The PDint - PL 40
Address Surveyer - AW

Description 10x10 RECCE

Job No. Nº 3292

Ph. 578 1033

Ground Cover %	Vegetation	85	
	Non vascular	0	
	Litter	30	
	Bare	10	
	Rock	4	
Cover Classes		0.3-1m	≤0.3m
	Tripra		3
	Triarv		5
	Medsat	4	4
	Dacglo	3	4
	Piloff		3
	Echvul		1
	Trirep		1
	Plalan		1
	Crecap		1
	Gramsp		1
	Rumace		3
	Brome2		1
Sanmin	~~Plant~~	*	1
	Cicint	*	1



DATE 19/2/26

Name The Point - PL120
Address Surveyor: AW

Job No. Nº 3291

Description 10x10 RECCE

Ph. 578 1033

Ground Cover %	Vegetation	99		
	Non vascular	0		
	Litter	40		
	Bare	2		
	Rock	0		
				1-2m
Cover Classes		≤ 0.3 ~~0.3~~	0.3-1m ~~0.3m~~	≥1.0m
	Trirep	2		
	Tripra	1		
	Triarv	5	1	
	Dacglo	1		
	Rumace	3		
	Crecap	1		
	Piloff	4		
Brodia	~~Bromet~~	~~3~~ 4	3	
Bratec	~~Brome2~~	2	2	
	Rosrub	~~3~~	3	2
	Erocic	1		
	Echvul	1		
	Hypper	1		