

Course Notes

Course Overview



Logistics Planner

START	Turkey Beach	Paddle Bag.		
Stage 1 Packraft + Trek 🕅 💒	Allow 20 hours	21 CPs (1 - 21)	150 Points	TA-A opens 4am Tuesday 6 May TA-A closes 4pm Tuesday 6 May
TA-A	Agnes Water	Bike Box + Padd	le Bag.	
Stage 2 Mountain Bike	Allow 16 hours	13 CPs (22 – 34)	90 Points	TA-B opens 2pm Tuesday 6 May TA-B closes 2pm Wed 7 May
ТА-В	Kalpowar	Box A.		
Stage 3 Trek	Allow 9 hours	9 CPs (35 – 43)	60 Points	TA-B opens 2pm Tuesday 6 May TA-B closes 2pm Wed 7 May
ТА-В	Kalpowar	Box A.		
Stage 4 Mountain Bike	Allow 7 hours	8 CPs (44 – 51)	50 Points	TA-C opens 10am Wed 7 May TA-C closes 1pm Thurs 8 May
TA-C	Cania Gorge	Box B.		
Stage 5 Trek + Kayak	Allow 16 hours	18 CPs (52 – 69)	140 Points	TA-C opens 10am Wed 7 May TA-C closes 1pm Thurs 8 May
TA-C	Cania Gorge	Box B.		
Stage 6 Mountain Bike	Allow 14 hours	11 CPs (70 – 80)	90 Points	TA-D opens 10am Thurs 8 May TA-D closes 7am Friday 9 May
TA-D	Boynedale	Bike Box + Paddl	le Bag.	
Stage 7 Trek + Kayak	Allow 11 hours	13 CPs (81 – 93)	80 Points	TA-E opens 5am Friday 9 May TA-E closes 11am Friday 9 May
ТА-Е	Awoonga Dam	Paddle Bag.		
Stage 8 Packraft + Trek 🕅 💒	Allow 7 hours	7 CPs (94 – 100)	40 Points	Race finishes 2pm Friday 9 May
FINISH	Tannum Sands – 100	check points tota	lling 700 points	

Stage 1 – Packraft and Trek

Eurimbula National Park

"The journey of a thousand miles begins with one step." — Lao Tzu Number of CPs: **21 (1-21).** Total score: **150 points.** Approximate time allocated: **20 hours** Approximate distances: **Trekking: 26km - 53km. Paddling: 20km - 39km.** Start at Start and Finish at TA-A. TA-A opens at **4:00am Tuesday 6 May** and closes **4:00pm Tuesday 6 May**

Maps 1, 2, 3 and 4.

The Raid 100 kicks off with what could possibly one of the most challenging and spectacular stages of a Raid race ever. Teams will use a combination of packrafts and hiking to negotiate a route through the waterways, beaches and trails of Eurimbula National Park. There are some major route decisions on this stage with teams needing careful planning to consider the impact of tides on paddling and trekking progress. All teams will be out over the full first night with heavy packs and little chance for resupply, exploring some of the most inaccessible areas of the Discovery Coast.

- Teams must submit their Bike Boxes, Box A and Box B to race HQ between 5:00pm and 9:00pm on Sunday 4 May. Late submissions will not be accepted and maximum weights will be strictly adhered to.
- Teams are to arrive from 6:00am at race HQ to submit their paddle bags and load on to buses for a 7:00am departure. Upon arrival at the start line, teams are free to make their final preparations with packrafts before submitting their paddlebags for transport to TA-A.
- There are 3 water points marked on the course: an unmanned water drop at CP5, a manned water drop at CP15 and a drink tap south of the Caravan Park in the township of 1770. Please limit yourself to 2.5L of water per person at the water drops so there is enough for everyone. There is also naturally occurring ground water on some parts of the course but this is sparse and will require purification.
- Be respectful of members of the public, particular campers at CP15 and at the mouth of Eurimbula Creek.
- There is strictly no swimming on the course. Currents at the river mouths can be very dangerous. You will need to paddle these crossings with your packraft.
- Tidal times are published on the maps and approximation of tidal inflow meeting points are also indicated. Note that the organisers were able to paddle the full length of Chinaman Creek at mid-tide with just a short, 20m portage. Packraft paddle speeds averaged between 7km/hr and 3.5km/hr depending on tidal flow.
- Please note the out-of bounds area for nesting birds near the entrance to Eurimbula Creek. Teams are also directed by National Parks to not trample through the sensitive mangrove vegetation.
- Note that the stage 1 maps use a contour interval of 5m indexed at 25m (given this interval provides more details in the relatively flatter terrain). All other maps for the other 7 stages use a 10m contour interval indexed at 50m.
- Most CPs on this stage were hung in January. They were located in positions where we don't think they will get stolen, but if you believe a CP is missing, take a photo, note the time for reference to the trackers and report to the TA.
- Check point 12 is a virtual check point: because of the visible nature of the location and no attack features to hang it from in a hidden location, we did not hang a punch or a flag. Teams just need to walk through the CP circle and claim the punch at TA-A this will be referenced against the tracking system.
- Teams will carry two tracking devices with them for the entire event. Both of these must be attached to shoulders of PFDs or packs with clear line of sight to the sky at all times.
- Any team that spots a crocodile must use the mandatory phone to notify the race organisers as soon as mobile reception is possible. We expect the likelihood of this occurring to be extremely unlikely though.
- Glow sticks must be attached the PFDs and packrafts when paddling at night. Open ocean paddling is only permitted during daylight hours pending approval at the start line. Teams are strongly advised to consider their paddling strength and experience and act accordingly. With such a wide course area, emergency response time may be measured in hours, not minutes.
- Once teams have assembled bikes, all packrafting and paddling equipment including their paddle bags must be packed into their empty bike boxes for transport to TA-D.

TA-A Facilities: Bike Box. Paddle Bag. Toilets. Water. Power. Shelter. Local shops.

Stage 2 – Mountain Bike

Deepwater NP, Bulburin NP and Rail Trail

"Perseverance is not a long race; it is many short races one after the other." — Water Elliot

Number of CPs: **13 (22-34).** Total score: **90 points.** Approximate time allocated: **16 hours** Approximate distances: **158km (+2,332m) – 183km (+2,596m).** Start at **TA-A** and Finish at **TA-B**. TA-B opens at **2:00pm Tuesday 6 May** and closes **2:00pm Wednesday 7 May** Maps **5, 6, 7, 8 and 9.**

The hardest stage of the race is followed immediately by the longest bike stage of the Raid 100. The stage 2 bike leg takes teams on a relatively linear journey from the coastal trails of Deepwater National Park inland via a tough climb over Bulburin National Park finishing with a journey along the Boyne Burnett Inland Rail Trail, complete with a series of historic rail tunnels, finishing at Kalpowar State Forest. With little in the way of route choice, this transition stage still requires close attention to navigation and will deliver teams into the spectacular back country of the Discovery Coast. At over 158km in length, this stage is expected to take teams the majority of day 2 to complete.

- Collect a new punch card at the start of this stage. Submit the card to the transition area volunteer and collect a new card for the next stage.
- Demonstrate caution when travelling on public roads, particularly on the sealed sections in the first part of this stage. Travel on the left hand side of the road. Ride in single file at all times and move over on the verge if you identify a vehicle approaching.
- There is a short section of this stage that parallels the Bruce Highway either side of CP28. At no time should teams touch the bitumen highway. Follow the instructions outlined in the image over page. In brief, teams should ride in the grassy verge on the eastern side of the highway through to the Granite Creek rest area. There is water and toilets available here. Teams should then cross the fence with their bikes and climb under the bridge, collecting CP28. Note that the vegetation has grown significantly in the last couple of months, but teams should be able to cross the creek to the east of the bridge, then cross under the bridge on the northern side of the water. They can then climb up and cross the fence, continuing along the western side of the highway. Again, they should never touch the bitumen of the highway, travelling initially inside the crash barrier and then along the drainage ditch. Travel single file and demonstrate caution and common sense. There may be a race staff member on site to observe that teams are following these instructions.
- Note that the tracks in Deepwater National Park approaching CP22 contain extensive stretches of sand, with minor trails in the park often overgrown and unvetted by race staff.
- Front and rear lights must be illuminated when riding at night.
- Note that many of the bike check points throughout the course are not marked with a flag. Punches are typically chained to the base of an identifiable feature and covered hidden from the public. The first team to arrive will need to uncover and leave exposed for subsequent teams.

TA-B Facilities: Box A. Toilets. Water.

ranite Creek Forestry Ro

Stay in drainage ditch

Stay inside crash barrier Climb over fence with bikes, collect CP, cross creek on eastern side of bridge, cross under highway then cross fence with bikes again on western side of highway

Franke C. e. k Rest Area

Water & Toilets

CP28 Under highway bridge, south side of creek

Google

Travel on grass verge. Do not travel on bitumen road

John Clifford Way

Stage 3 – Trek

Kalpowar State Forest

"We shall not cease from exploration, and the end of all our exploring will be to arrive where we started and know the place for the first time." — T. S. Elliot

> Number of CPs: 9 (35-43). Total score: 60 points. Approximate time allocated: **9 hours** Approximate distances: **0km - 32km.** Start at **TA-B** and Finish at **TA-B**. TA-B opens at **2:00pm Tuesday 6 May** and closes **2:00pm Wednesday 7 May** Map **10.**

Stage 3 involves a traditional out-and-back trek rogaine in Kalpowar State Forest. Teams will appreciate the chance to trek with lighter packs with most of them tackling the bulk of this stage on the second night of racing and will likely need to factor their first sleep in to time estimates.

- Note that the track network in the pine plantation is complex and map data available is not 100% accurate. Many tracks on the map are overgrown or have been destroyed by logging and hard to identify on the ground, while new tracks have been graded in some areas.
- Vegetation boundaries for the pine plantation and logged areas are indicative only (based on recent satellite data) and not intended for direct navigational purposes.
- There are numerous unmarked gullies in the area of CP43 that form significant watercourse features on the ground. Navigational will need to be on point when approaching this checkpoint.
- With the course logistics, it makes more sense to pack spare bike repair equipment (tubes, tools, etc) into Boxes A and B given that you won't see your bike boxes again until you are finished with your bikes anyway.

TA-B Facilities: Box A. Drop Toilets. Water. Limited shelter.

Stage 4 – Mountain Bike

Monal Farmland

"Good company in a journey makes the way seem shorter." — Izaak Walton

Number of CPs: 7 (44-51). Total score: 50 points. Approximate time allocated: **7 hours** Approximate distances: **64km - 86km.** Start at **TA-B** and Finish at **TA-C**. TA-C opens at **10:00am Wednesday 7 May** and closes **1:00pm Thursday 8 May** Maps **11 and 12**.

Stage 4 is a spectacular back country ride through the farmland tracks and trails of the Monal area. After departing Kalpowar State Forest, the initial travel along the ominously named Misfortune Road is relatively slower. However, after ticking off CP 44 the roads become much faster with route choice opening up presenting some key strategic decisions for competitors to make. Most teams will tackle this stage on the third day of racing and some easier travel will be much appreciated at this stage of the event.

- Demonstrate caution on not only the last sealed section of road entering the TA but also on other back country dirt roads where drivers may not be expecting cyclists: always travel in single file and move over to the verge if you hear a car approaching.
- Disregard the danger, do not enter sign on the initial gate. Please close all gates after passing through.

TA-C Facilities: Box B. Toilets. Water. Showers. Limited power and shelter.

Stage 5 – Trek and Kayak

Cania Gorge National Park

"Look deep into nature, and then you will understand everything better." — Albert Einstein

Number of CPs: 18 (52-69). Total score: 140 points. Approximate time allocated: **14 hours** Approximate distances: **Trekking: 0km - 38km. Paddling: 0km - 13km.** Start at **TA-C** and Finish at **TA-C**. TA-C opens at **10:00am Wednesday 7 May** and closes **1:00pm Thursday 8 May** Map **13.**

The combined trek and kayak stage 5 at Cania Gorge National Park is possibly the queen stage of the race. Extensive negotiations with National Parks were required for access to this area which has significant first nations heritage value. Teams will be trekking above and below a stunning rocky escarpment dotted with small caves through open, off-trail travel requiring close attention to navigation. The stage is punctuated with an optional paddle on Cania Dam, taking to kayaks for the first time of the race. Competitors will likely need to factor in a sleep at some stage during the third night of the race, but will hopefully get views of their spectacular surroundings at dawn and dusk.

- Please be considerate of noise and light for other guests at the tourist park and keep both to a minimum.
- Teams are required to wash both their shoes and bike tyres before departing TA-C to help combat the spread of Phytophthora.
- Teams are prohibited from approaching the escarpment cliff line from above. There are only two points they may pass through the cliff line:

- on the marked trail above CP52;

- via the marked route between CP63 and CP64. This mandatory route has been marked with flagging tape and should be followed closely: deviating from this line could see competitors exposed to dangerous cliffs. Descend/ascend slowly and carefully, being aware not to dislodge loose rock on other racers.

- There are numerous unmarked and overgrown tracks in Coominglah State Forest on the southern half of the map, with the contours missing many subtle features such as small knolls and notable gullies.
- Kayaks, PFDs and paddles are available at CP66 to use for collection of CPs 67, 68 and 69. Competitors must use the equipment provided; they won't have access to their own paddle gear for this stage.

Stage 6 – Mountain Bike

Kroombit Tops National Park

"Most people never run far enough on their first wind to find out they've got a second." — William James

Number of CPs: 11 (70-80). Total score: 90 points. Approximate time allocated: 14 hours Approximate distances: 100km (+725m) - 174km (+1,960m). Start at TA-C and Finish at TA-D. TA-D opens at 10:00am Thursday 8 May and closes 7:00am Friday 9 May Map 14, 15 and 16.

Teams will take to their bikes for one final time for a long ride from Cania Gorge National park to the shoreline of Lake Awoonga. This is another spectacular bike stage along relatively quick back country roads and farm trails through picturesque farmland, with an optional loop to collect some high value check points in the highlands of Kroombit Tops National Park after a challenging climb.

- Follow all road rules as previously described. Again, pay particular attention to traffic moving at speed on the last sealed section past the township of Nagoorin.
- There was ample ground water for resupply in all the creek crossings at the time of course setting, however this will need to be purified before drinking. There are public toilets and water available in Nagoorin towards the end of the ride as marked on the map.
- Show caution on the rough trail on the decent from Kroombit Tops NP back down to the main dirt road: ride to your abilities (ie, on the descents either side of CP 74).

TA-D Facilities: Bike Box. Paddle bags. Water. Drop toilets.

Stage 7 – Kayak and Trek

Lake Awoonga

"By perseverance, the snail reached the ark." — Charles Spurgeon

Number of CPs: 13 (81-93). Total score: 80 points. Approximate time allocated: **11 hours** Approximate distances: **Trekking: 1km - 16km. Paddling: 21km - 37km.** Start at **TA-D** and Finish at **TA-E**. TA-E opens at **5:00am Friday 9 May** and closes **11:00am Friday 9 May** Map **17 and 18.**

The penultimate stage is a challenging kayak and trek leg on Lake Awoonga below the impressive peaks of Castle Tower National Park. To complete the race, teams will need to be well underway on this stage by late on the last night of racing. This stage was set by Richard Robinson and his team – as one of the world's most experience rogainers, teams should expect plenty of navigational challenge to test tired brains, but there are a swag of points up for grabs for those up to the test.

- Due to a misunderstanding during the course hanging process, the numbers that are written on the punches do not align with the numbers of the check point circles on the map. Make sure you punch the box on the check point card that corresponds with the check point number written on the map – ignore the number written on the punch clipper (this is for stage 7 only).
- Teams are to use the kayaks assigned to them according to their racing category.
- Bikes are to be packed away in bike boxes which will be moved the finish line first thing Friday morning. Paddle bags with packrafts and other required equipment will be moved around to TA-E.
- Glow sticks must be attached to PFDs and kayaks at night.
- If teams are leaving their kayaks to trek to a CP, we strongly advise leaving a spare light on a visible part of the kayak to make it easier to find your boat again on your return trip.
- The vegetation between the water's edge and the forest is often long, thick grass which can be slow. The vegetation inside the forest is generally much easier walking.
- To maximise the security of the checkpoint markers they have generally been sited such that they cannot be seen from on the water. For the "kayak" checkpoints teams will need to go on foot up to 150 metres from the edge of the water, sometimes through high and thick grasses.
- You may encounter cattle, including feisty Brahman bulls adjacent to the lake.
- There are many feral pigs around the lake. It is strongly advised that teams do not leave food, or other things that might attract pigs, unattended.
- The granitic soils on the ridges can be loose and thus slippery and there are some steep slopes. Please be cautious as you traverse these.
- In the cliff ~25 metres above CP82 there is a Rock Wallaby den in a cave. You may be lucky enough to see them, the course setters were!
- The course setters noted a consistent westerly wind hitting the lake making for choppy conditions for a couple of hours at dawn each morning.

TA-E Facilities: Paddle bags. Toilets. Water. Limited Shelter.

Stage 8 – Packraft and Trek

Boyne River

"It is good to have an end to journey toward; but it is the journey that matters, in the end." — Ursula K. Leguin

> Number of CPs: 7 (94-100). Total score: 40 points. Approximate time allocated: **7 hours** Approximate distances: Trekking: **7km - 14km. Paddling 17km - 20km.** Start at **TA-E** and Finish at **FINISH**. TA-E opens at **5:00am Friday 9 May** and closes **11:00am Friday 9 May** Race Finish: **2:00pm Friday 9 May** Map **19.**

The Raid 100 finishes up as it started, with a packraft stage from Lake Awoonga down the Boyne River to race HQ at Tannum Sands. After shouldering their rafts for an initial six kilometre trek down to the edge of the river, teams should make light work of the paddle with an outgoing tide for the majority of the trip. There are a number of additional route options open to teams at the end of the paddle opening up the chance for some last minute strategic choices between trekking and paddling to draw out every last second of racing for the highest score possible after 100 hours of competition.

- Kayaks must be loaded onto the trailer before you can access your paddle bags.
- Walk along the verge of the bitumen road when travelling down to the Boyne River and demonstrate caution around any passing vehicles.
- Tide times are printed on the map.
- Check in at race HQ to record your finish time and stick around for post-race celebrations.

Finish Facilities: All gear bags and boxes, water, toilets, shelter and post-race celebration meal.

General Notes

Late Penalties

Teams arriving back late after 100 hours will receive a penalty of **a point per two minutes or part thereof**. Teams arriving back more than 90 minutes late will lose all their points and be classed unranked. The same penalty will also apply to teams that miss key cut offs during the event.

Time Credits

No time credits will be given to teams during the race with the following notable exceptions (at RDs discretion):

- 1. Teams stop to assist another team in distress or in an emergency situation.
- 2. In the unlikely event that teams are held up due to the logistics of gear transport around the race course (ie they cannot commence a leg because a gear box is not present).
- 3. Any team that sweeps the course and arrives at stage 8 prior to the 5:00am opening time on Friday 9 May will be given time credit for the amount of time spent waiting for the stage to open. Only teams that have gotten all 93 check points before this point will be awarded a time credit.

Unranked and DNF Teams

Any team that loses a team member will be classed as unranked. Any team requiring assistance on the course will also be classed unranked, including being moved forward to a transition area or to the finish line.

Unranked teams are permitted to continue on the course, but must have at least two team members remaining and will require the express permission of the race director before continuing. Unranked teams cannot provide assistance to ranked teams. It is permitted for two or more members from different unranked teams to combine.

Teams that wish to retire from the course will be transported back to race HQ when logistics permit.

Missing CP Procedure

With 100 check points on the course and a number of these in relatively public locations, it is always possible that a CP may be stolen or lost to the elements. If you believe you are in the correct location and a CP flag is not there, take a photo of the location and report at the next transition area. We will be able to confirm your tracking route along with other team reports and if a flag is genuinely missing you will be given credit for the score.

Penalties

- Penalties exist for entering an out of bounds area at the discretion of the race director.
- Penalties exist for not carrying an item of mandatory kit at the discretion of the race director.
- Penalties exist for teams splitting up at the discretion of the race director. Competitors must stay within verbal and visual contact of their team mates at all times.
- Penalties exist for use of the mandatory phone outside of non-emergency or non-hazard identifying reasons at the discretion of the race director.

Emergency Response Procedures

In the event of a significant injury to a team mate, stabilise the patient as best as possible and call 000 to request assistance. Enlist the assistance of nearby teams where possible. Then, call the race director on the number below. If you are unable to contact the race director, call our primary search and rescue officer on the number provided. We will then be able to assist in the emergency rescue response.

If you identify a hazard on the course that poses a potential danger to other competitors, please break out your mandatory mobile phones and notify the race director. You will not be penalised for doing so and your phone will be re-sealed in a tamper proof bag at the next transition area.

Each team will be carrying a SPOT satellite tracker. These will be used to monitor your progress through the course via our online tracking system. They can also be used to send out an emergency signal in a location where mobile phone reception is not possible.



Important Course Timings and Cut-offs

Date	Time	Description
Sunday 4 May	17:00-21:00	Submit bike boxes, Box A and Box B to HQ.
Monday 5 May	06:00	Submit paddle bags to HQ.
Monday 5 May	07:00	Buses depart for start line.
Monday 5 May	10:00	Race starts.
Tuesday 6 May	04:00	TA-A opens.
Tuesday 6 May	14:00	TA-B opens.
Tuesday 6 May	16:00	TA-A closes.
Wednesday 7 May	10:00	TA-C opens.
Wednesday 7 May	14:00	TA-B closes.
Thursday 8 May	10:00	TA-D opens.
Thursday 8 May	13:00	TA-C closes.
Friday 9 May	05:00	TA-E opens.
Friday 9 May	07:00	TA-D closes.
Friday 9 May	11:00	TA-E closes.
Friday 9 May	14:00	Race finishes and final presentations.

Emergency Contact Numbers

Liam St Pierre	Race Director	Mobile: 0405 728 128 Mobile: 0402 622 310		
Jo Thomae	Safety Officer			
Ambulance, Police, Fire		000 or 112		
NSW State Emergency Service (Floods, etc)		132 500		
NSW Police Assistance Line		131 444		
Poisons Information Centre		13 11 26		
NSW Rural Fire Service		1800 679 737		

Check Point Descriptions

52

53

54

55

56

57

7

4

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		Stage 1 – Packraft and Trek	
1	8	Sandbar.	
2	4	Yellow buoy. No flag.	
3	7	Yellow buoy. No flag.	
4	4	Large tree at end of track. 20m SE of creek.	
5	4	Track. Water point.	
6	6	Inside mangrove clump.	
7	5	Inside SE side of southern mangrove clump.	
8	4	50m north of end of island.	
9	5	50m north of sandy embankment on land point.	
10	8	40m south of bend in creek.	
11	12	Inside casuarina tree clump.	
12 13	5 7	Virtual CP. No flag or punch.	
-	/ 11	15m NW of small break in mangroves.	
14 15		25m west of end of beach/ embankment/logs.	
15 16	5	Dangerous current sign. Water point. Edge of beach.	
10	9 7	•	
17	, 12	Base of Middle Creek Campground sign. No Flag. West side of watercourse.	
18 19	9	40m north of lookout. Caution: cliffs.	
20	8	Edge of clearing 70m NNW of small beach.	
20	。 10	Base of tree 5m north of Lookout. No flag.	
21	10	base of thee shi north of Lookout. No hag.	
		Stage 2 – Bike	
22	10	Base of NP sign. 30m west of gate. No flag.	
23	6	Base of green Round Hill Section sign. No flag.	
24	7	Base of corner fence post, track junction. No flag.	
25	5	Base of T junction sign. W side of road. No flag.	
26	6	Base of Crest 60km sign. W side of road. No flag.	
27	7	Base of Road Subject to Flooding sign. No flag.	
28	4	Under bridge. Southside of creek.	
29	9	80m north of watercourse/track junction.	
30	11	Base of Builyan sign at track junction. No flag.	
31	4	Base of fence post W of track junction. No flag.	
32	5	Base of Many Peaks sign SW of track. No flag.	
33	7	Gully. West side of rail trail.	
34	9	Culvert. NW side of track opposite The Lookout.	
		Change 2 Trush	
35	7	Stage 3 -Trek Rocky spur.	
36	4	Spur	
37	7	Track junction. Base of Minerva Rd sign. No flag.	
38	, 5	Watercourse junction in forested clearing.	
39	6	South west side of watercourse.	
40	7	Watercourse.	
41	10	Broad spur.	
42	6	10m W of track edge at end of graded drainage.	
43	8	Watercourse.	
		Stage 4 – Bike	
44	5	Base of Misfortune Rd sign. No flag.	
45	8	Fence post. S of road, W of watercourse. No flag.	l
46	9	Back of large cactus. SE side of high point in road.	
47	6	Base of Monal Rd sign. No flag.	l
48	6	Corner fence post. W side of road bend. No flag.	l
49	7	Fence post next to rocks. N of road bend. No flag.	
50	5	Base of Monto sign. No flag.	
51	4	Base of road bend 60km/hr sign. No flag.	
			1

Stage 5 Trek and Kayak
Cave entrance.
Top exit of Two Story Cave
Spur.
Watercourese.
A watercourse junction.
Rocky outcrop on spur.

- 58 11 A knoll.
- 59 6 Top of gully.
- 60 8 Watercourse.
- 61 10 Gully.
- 62 12 A knoll. 63 6 Knoll.
- 64 10 Spur.
- 65 8 Saddle.
 - 5 8 Sauule
- 66 5 Cania Dam Boat Ramp. Collect kayaks.
- 67 7 A watercourse.
- 68 11 Waterrcourse.
- 69 9 Bottom of gully.

Stage 6 – Bike

70	8	Base of Rocky Creek Rd sign. No flag.
71	6	Base if windmill closest to road. No flag.
72	10	Base of Clonmel Rd sign. No flag.
73	9	Watercourse. 60m south of track.
74	7	Base of metal Kroombit Tops sign. No flag.
75	12	Southern corner post of lookout. No flag.
76	10	Spur.
77	11	25m west of track creek junction.
78	5	Base of bridge 40km/hr sign. No flag.
79	8	Base of road bend sing. No flag.

80 4 Base of W most large fence post. No flag.

Stage 7 – Kayak and Trek

The watercourse 81 8 The watercourse - West base of 10m cliff 82 7 83 3 20m north of vegetation boundary 84 5 A spur 85 8 The watercourse 86 6 The knoll 87 4 The spur Head of small inlet - Tree 20m from water's edge 88 8 89 4 The knoll – north west end 90 9 The spur, east side - rocky outcrop 7 91 A small spur 92 5 Head of a gully 93 6 A knoll - middle of copse Stage 8 – Packraft and Trek 94 4 Base of Awoonga Callide Pipeline sign. No flag. Base of No Fishing sign. S side of river. No flag. 95 3 96 8 Base of Caution sign. East side of river. No flag. 97 6 Edge of river. South end of small beach. 98 3 Back of Rio Tinto sign. East side of river. No flag. 99 8 Edge of river. 100 Large tree on vegetation boundary. 9