

# 7 Ruamāhanga Whaitua

**Minimum flows, minimum water levels** and **core allocation** referred to in the Plan are interim to the extent that they will be reviewed by **whaitua** committees and may be amended by plan changes or variations following recommendations of **whaitua** committees.

## 7.1 Policies

In addition to policies on **minimum flows, minimum water levels** and **core allocation** that follow, policies in chapter 4 of the Plan also apply equally to **minimum flows, minimum water levels** and **core allocation** for the Ruamāhanga Whaitua.

### Policy R.P1: Minimum flows and minimum water levels in the Ruamāhanga Whaitua

**Minimum flows** and **minimum water levels** in the Ruamāhanga Whaitua are:

- (a) for rivers (including **tributaries**), the **minimum flows** in Table 7.1, and
- (b) for rivers not in Table 7.1, 90% of the ~~seven-day~~ **mean annual low flow**, and
- (c) for Lake Wairarapa, the **minimum water level** in Table 7.2, and
- (d) for **natural lakes** (other than Lake Wairarapa), existing **minimum water levels**.

### Policy R.P2: Core allocation in the Ruamāhanga Whaitua

The maximum amount of water available for allocation from rivers (including **tributaries**), Lake Wairarapa (including **tributaries**), and groundwater in the Ruamāhanga River catchment, above the Lake Wairarapa outflow, and in the Lake Wairarapa catchment, at the time an application is made for resource consent to take and use water, shall not exceed whichever is the greater of:

- (a) the total amount allocated by resource consents, or
- (b) the allocation amounts identified in Tables 7.3-7.5,

except for the taking and use of water identified in Policy P117 at flows above the **median flow**.

### Policy R.P3: Cumulative effects on river reaches of allocating water

When allocating river water or ~~groundwater directly connected to surface water~~ **Category A groundwater and Category B groundwater**, regard shall be given to cumulative adverse effects on aquatic ecosystems in downstream river reaches as a result of flow depletion from loss of river water to groundwater.

## 7.2 Rules

~~In addition to rules for the take and use of water that follow, rules in Chapter 5 of the Plan also apply equally to rules for the Ruamāhanga Whaitua. If an activity is covered by more than one rule, then the rule that applies is the rule that is more specific for the relevant activity, area or resource. This does not apply where a proposal includes a number of activities which trigger separate specific rules. In that case, all rules are considered when assessing the proposal. An activity needs to comply with all relevant rules in the Plan, including those in Chapter 5.~~

### Rule R.R1: Take and use of water in the Ruamāhanga Whaitua – restricted discretionary activity

The take and use of water from any river (including **tributaries**), Lake Wairarapa (including **tributaries**), and groundwater in the Ruamāhanga River catchment above the Lake Wairarapa outflow, and in the Lake Wairarapa catchment, that is not provided for in Rules R136, R137, R138, R139, R140, R140A, or R141 is a restricted discretionary activity provided the following conditions are met:

- (a) the take and use shall not occur below the **minimum flows or minimum water levels** in Table 7.1 or 7.2, except that this condition does not apply to:
  - (i) water for the **health needs of people** as part of a **group drinking water supply** or **community drinking water supply** or water for rootstock protection, and
  - (ii) water used by industry from a **community drinking water supply** for a period of seven years from the date of public notification of the Proposed Natural Resources Plan (31.07.2015), and
  - (iii) taking groundwater, and
  - (iv) water races for the purpose of supplying water for the health needs of people and animal drinking water, and
- (b) in any **catchment management unit** and **catchment management sub-unit** in Tables 7.3-7.5, the amount of water taken and used, in addition to all **existing resource consents**, does not exceed whichever is the greater of:
  - (i) the maximum amount allocated by resource consents at the date the consent application is lodged, or
  - (ii) the allocation amounts in Tables 7.3-7.5,except that this condition does not apply to the take and use of water at river flows above the **median flow**, and
- (c) at flows above **median flow**:

- (i) the frequency of **flushing flows** that exceed three times the **median flow** of the river is not changed, and
- (ii) ~~no more than 50% of the river flow above the median flow remains in the river is taken for rivers with mean flows greater than 5m<sup>3</sup>/sec.~~ for rivers (and their **tributaries**) listed in Table 1 of Schedule V no more than 50% of the portion of flow in the river above the **median flow** is taken at the point of abstraction, or
- (iii) ~~no more than 10% of the total river flow is taken for rivers with mean flows of less than or equal to 5m<sup>3</sup>/sec.~~ for rivers (and their **tributaries**) listed in Table 2 of Schedule V no more than 10% of the total amount of flow in the river is taken at the point of abstraction, or
- (iv) for rivers (and their **tributaries**) not listed in either Table 1 or 2 of Schedule V no more than 10% of the total amount of flow in the river at the point of abstraction.

*Matters for discretion*

1. The reasonable and efficient use of water, including the criteria in Schedule Q (efficient use)
2. The timing, amount, and rate of taking of water; including instantaneous (L/sec), daily (m<sup>3</sup>/day), and seasonal requirements and duration and timing of peak daily take rate
3. For **group drinking water supplies** or **community drinking water supplies**, the amount and rate of water taken and used for the **health needs of people**
4. Reduction in the rate of take from surface water and **groundwater directly connected to surface water** Category A groundwater and Category B groundwater at times of low flow and restrictions when rivers approach or fall below the **minimum flows or water level**, including the guideline for stepdown allocation and flows in Schedule R (stepdown guideline)
5. Effects due to local flow or water level depletion on wetlands, springs, or downstream river reaches in the same **catchment management sub-unit**
6. Interference effects on existing lawful water takes
7. Prevention of salt water intrusion into the **aquifer**, or landward movement of the salt water/fresh water interface
8. For a take and use from groundwater, the degree of connectivity and category according to Table 4.1 in category B groundwater (directly connected) or category B groundwater (not directly connected)

9. Preventing fish from entering water intakes
10. Measuring and reporting, including the guideline in Schedule S (measuring takes)

#### Rule R.R2: Taking and using water – discretionary activity

The take and use of water that is not provided for in Rules R136, R137, R138, R139, R140, 140A or R141 in the Ruamāhanga Whaitua from:

- (a) any river not in the Ruamāhanga River catchment, or
- (b) any river (or river reach) downstream of the confluence of the Ruamāhanga River and the Lake Wairarapa outflow, or
- (c) any lake other than Lake Wairarapa that is upstream of any river in the Ruamāhanga River catchment, or
- (d) any river at flows above the **median flow** that does not meet condition (c) of Rule R.R1

is a discretionary activity.

#### Rule R.R3: Taking and use of water that exceeds minimum flows, lake levels or core allocation – prohibited activity

The take and use of water from any river (including **tributaries**), Lake Wairarapa (including **tributaries**), or groundwater in Tables 7.3-7.5 in the Ruamāhanga River catchment that does not meet conditions (a) or (b) of Rule R.R1 is a prohibited activity.

**Table 7.1: Minimum flows for rivers in the Ruamāhanga River and Lake Wairarapa catchments**

River (shown in Figure 7.1)	Management point	Minimum flow (L/s)	
<b>Kopuaranga River</b> upstream of the confluence with the Ruamāhanga River	Palmers	270	
<b>Waipoua River</b> upstream of the confluence with the Ruamāhanga River	Mikimiki Bridge	250	
<b>Waingawa River</b> upstream of the confluence with the Ruamāhanga River	Kaituna	1,100	
<b>Parkvale Stream</b> upstream of the confluence with the Ruamāhanga River	Renalls Weir recorder	100	
<b>Mangatarere Stream</b>	upstream of Belvedere Road Bridge	Gorge recorder	240
	Between the confluence with the Waiohine River and the Belvedere Road Bridge	Gorge recorder	200
<b>Waiohine River</b> upstream of the confluence with the Ruamāhanga River	Gorge recorder	2,300	
<b>Papawai Stream</b> upstream of the confluence with the Ruamāhanga River	Fabians Road recorder	180	
<b>Upper and Middle Ruamāhanga River</b> upstream of the confluence with the Waiohine River	Wardells	2,400	
<b>Otukura Stream</b> upstream of the confluence with Dock/Stonestead Creek	Weir recorder	95	
<b>Tauherenikau River</b> upstream of Lake Wairarapa	Gorge recorder	1,100	

River (shown in Figure 7.1)	Management point	Minimum flow (L/s)
<b>Lower Ruamāhanga River</b> between the boundary with the coastal marine area and the Waiohine River confluence	Waihenga recorder	8,500

**Table 7.2: Minimum lake levels and minimum water levels for Lake Wairarapa**

Time period	Minimum lake levels at Burlings recorder	Minimum water levels
1 December to 29 February	10.15m	For the purpose of allocating water, minimum water levels in Lake Wairarapa shall be determined by: (i) minimum lake levels, and (ii) the <b>minimum flow</b> for the Tauherenikau River in Table 7.1, and (iii) no net decline in lake level over the preceding five days.
1 March to 31 May	10.00m	
1 June to 30 September	9.95m	
1 October to 30 November	10.00m	

**Table 7.3: Surface water allocation amounts for rivers ~~and groundwater directly connected to surface water~~ category A groundwater and category B groundwater in the Ruamāhanga River catchment above the Lake Wairarapa outflow**

Catchment management unit <sup>1</sup>	Allocation amount <sup>2</sup> (L/s)
Ruamāhanga River and <b>tributaries</b> , upstream of (but not including) the confluence with the Lake Wairarapa outflow, and all <b>category A groundwater</b> and <b>category B groundwater (stream depletion)</b> identified in the <b>catchment management sub-units</b> below in Table 7.3	<del>7,535</del> <u>7,430</u>
Catchment management sub-units in the upper Ruamāhanga catchment <sup>1</sup> (shown in Figures 7.2 and 7.3)	Allocation amount <sup>2</sup> (L/s)
Kopuaranga River and <b>tributaries</b> , <b>category A groundwater</b> and <u>Upper Ruamahanga category B groundwater (stream depletion) (directly connected)</u>	180
Waipoua River and <b>tributaries</b> , <b>category A groundwater</b> and <u>Upper Ruamahanga or Waingawa category B groundwater (stream depletion) (directly connected)</u>	145
Waingawa River and <b>tributaries</b> , <u>Waingawa category A groundwater</u> and <u>Taratahi or Waingawa category B groundwater (stream depletion) (directly connected)</u>	920

<sup>1</sup> When assessing **surface water allocation**, both the relevant **catchment management unit** and **catchment management sub-unit** must be considered

<sup>2</sup> This **allocation amount** has been derived as a default based upon one of two rules; for rivers with a mean flow of greater than 5,000 litres/sec, the **allocation limit** is equal to 50% of the natural seven-day **mean annual low flow** (7d MALF) and for rivers with a mean flow of less than 5,000 litres/sec, the **allocation limit** is equal to 30% of the 7d MALF.

Ruamāhanga River and <b>tributaries</b> upstream of the confluence with the Waingawa River, <u>Upper Ruamahanga category A groundwater</u> and <u>Waingawa, Te Ore Ore or Upper Ruamahanga category B groundwater (stream depletion) (directly connected)</u> , excluding all the above <b>catchment management sub-units</b> in the Ruamāhanga catchment (above this row in Table 7.3)	1,200
<b>Catchment management sub-units in the middle Ruamāhanga catchment<sup>1</sup></b> (shown in Figures 7.5, 7.6 and 7.7)	<b>Allocation amount<sup>2</sup> (L/s)</b>
Parkvale Stream and <b>tributaries</b> , and <u>Taratahi or Parkvale category B groundwater (stream depletion) (directly connected)</u>	40
Booths Creek and <b>tributaries</b> and <u>Parkvale, Mangatarere or Taratahi category B groundwater (stream depletion) (directly connected)</u>	25
Mangatarere Stream and <b>tributaries</b> , <u>Mangatarere category A groundwater</u> and <u>Mangatarere category B groundwater (stream depletion) (directly connected)</u>	110
Waiohine River and <b>tributaries</b> (excluding Mangatarere Stream and tributaries)- <u>Waiohine category A groundwater</u> and <u>Mangatarere category B groundwater (stream depletion) (directly connected)</u>	1,590
Papawai Stream and <b>tributaries</b> and <u>Waiohine category A groundwater</u>	<u>65-105</u>
Ruamāhanga River and <b>tributaries</b> upstream of the confluence with the Papawai Stream, and <u>Middle Ruamahanga category A groundwater</u> excluding all the above <b>catchment management sub-units</b> in the Ruamāhanga catchment (above this row in Table 7.3)	1,240
<b>Catchment management sub-units in the lower Ruamāhanga catchment<sup>1</sup></b> (shown in Figure 7.8 and 7.9)	<b>Allocation amount<sup>2</sup> (L/s)</b>
Huangarua River and tributaries and <u>Huangarua category A groundwater and Huangarua category B groundwater (stream depletion)</u>	110
Lower Ruamāhanga River and <b>tributaries</b> upstream of (but not including) the confluence with the Lake Wairarapa outflow, and <u>Lower Ruamahanga category A groundwater and Lake category B groundwater (stream depletion)</u> excluding all the above <b>catchment management sub-units</b> in the Ruamāhanga catchment (above this row in Table 7.3)	<u>1475 1,370</u>

Note: Where category B groundwater is referred to in table 7.3, the calculated stream depletion effect (described in Table 4.1) is included in the surface water allocation for the relevant catchment management sub unit, while the remainder is included in the groundwater allocation the relevant-catchment management sub unit.

**Table 7.4: Surface water allocation amounts for rivers, Lake Wairarapa and category A groundwater and category B (stream depletion) groundwater directly connected to surface water in the Lake Wairarapa catchment**

<b>Catchment management unit<sup>3</sup></b> (shown in Figures 7.8 and 7.9)	<b>Allocation amount<sup>4</sup> (L/s)</b>
Lake Wairarapa and <b>tributaries</b> above the confluence of the Lake Wairarapa outflow with the Ruamāhanga River, <u>and Tauherenikau category A groundwater and Lake or Tauherenikau category B groundwater (stream depletion) (directly connected)</u>	1,800
<b>Catchment management sub-units<sup>3</sup></b> (shown in Figures 7.8 and 7.9)	<b>Allocation amount<sup>4</sup> (L/s)</b>
Otukura Stream and <b>tributaries</b> above (but not including) the confluence with Dock/Stonestead Creek <u>and Tauherenikau category B groundwater (stream depletion) (directly connected)</u>	30
Tauherenikau River and <b>tributaries</b> , <u>and Tauherenikau category A groundwater and Tauherenikau category B groundwater (stream depletion) (directly connected)</u>	410

Note: Where category B groundwater is referred to in table 7.3 and table 7.4, the calculated stream depletion effect (described in Table 4.1) is included in the surface water allocation for the relevant catchment management sub unit, while the remainder is included in the groundwater allocation the relevant catchment management sub unit.

<sup>3</sup> When assessing **surface water allocation**, both the relevant catchment management–unit and catchment management sub-unit must be considered

<sup>4</sup> This **allocation amount** has been derived as a default based upon one of two rules; for rivers with a mean flow of greater than 5,000 litres/sec, the **allocation limit** is equal to 50% of the natural 7d **MALF** and for rivers with a mean flow of less than 5,000 litres/sec, the **allocation limit** is equal to 30% of the 7d **MALF**.

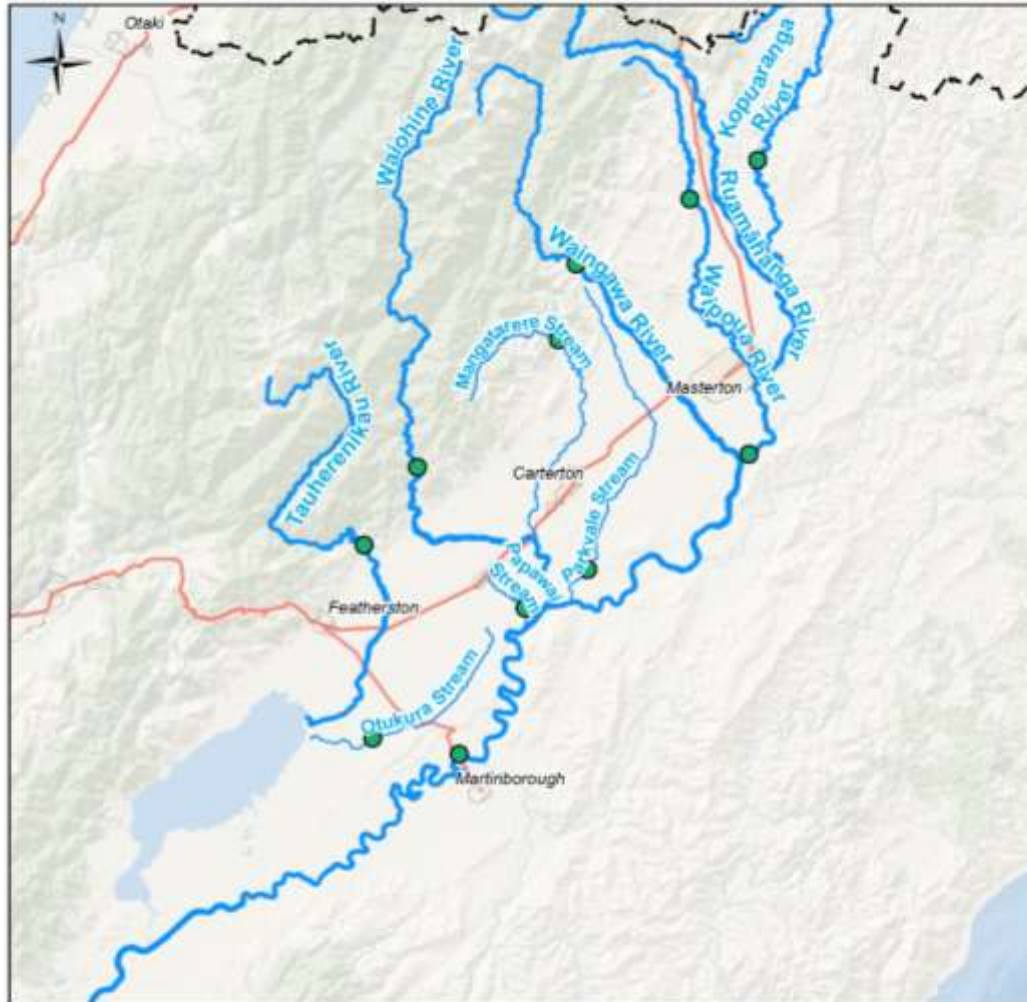
**Table 7.5: Groundwater allocation amounts for category B groundwater not directly connected to and category C groundwater in the Ruamāhanga River catchment**

<b>Upper Ruamāhanga catchment management sub-units<sup>3</sup></b> (shown in Figures 7.2, 7.3 and 7.4)	<b>Allocation amount (m<sup>3</sup>/year)</b>
Te Ore Ore <b>category B groundwater</b>	480,000
Waingawa <b>category B groundwater</b> and Waingawa <b>category C groundwater</b>	1,900,000
Ruamāhanga <b>category B groundwater</b> and Ruamāhanga <b>category C groundwater</b>	3,550,000
<b>Middle Ruamāhanga catchment management sub-units<sup>3</sup></b> (shown in Figures 7.5, 7.6 and 7.7)	<b>Allocation amount (m<sup>3</sup>/year)</b>
Fernhill-Tiffen <b>category C groundwater</b>	1,200,000
Taratahi <b>category B groundwater</b> and Taratahi <b>category C groundwater</b>	1,400,000
Parkvale <b>category B groundwater</b> and Parkvale <b>category C groundwater</b>	350,000 [unconfined] 1,550,000 [confined]
Mangatarere <b>category B groundwater</b> and Mangatarere <b>category C groundwater</b>	2,300,000
<b>Lower Ruamāhanga catchment management sub-units<sup>3</sup></b> (shown in Figures 7.8 and 7.9)	<b>Allocation amount (m<sup>3</sup>/year)</b>
Tauherenikau <b>category B groundwater</b>	6,600,000
<u>Lower Ruamāhanga <b>Category B groundwater</b></u>	<u>3,300,000</u>
Lake <b>Category B groundwater</b> and Lake <b>Category C groundwater</b>	6,750,000
Huangularua <b>Category B groundwater</b>	650,000
Martinborough <b>Category C groundwater</b>	800,000
Dry River <b>Category B groundwater</b>	650,000
Onoke <b>Category C groundwater</b>	2,100,000

Note: Where category B groundwater is referred to in table 7.5, the calculated stream depletion effect (described in Table 4.1) is included in the surface water allocation for the relevant catchment management sub unit, while the remainder is included in the groundwater allocation the relevant catchment management sub unit.



**Figure 7.1: Rivers with minimum flows in the Ruamāhanga catchment in Table 7.1**



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- State Highway
- - - Region boundary line
- River
- River flow management sites
- Urban Areas

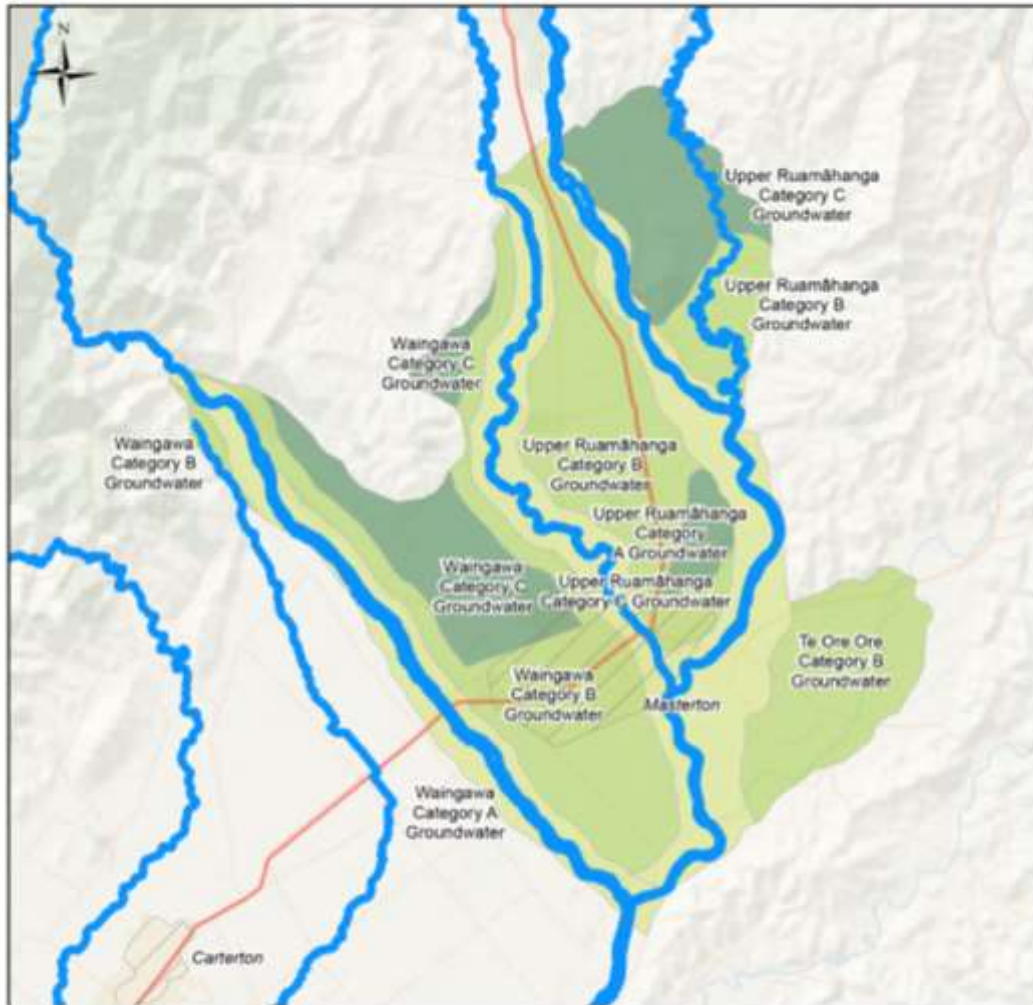


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**Figure 7.2: Upper Ruamāhanga catchment - rivers and groundwater (0-20m deep) in Tables 7.3 and 7.5**



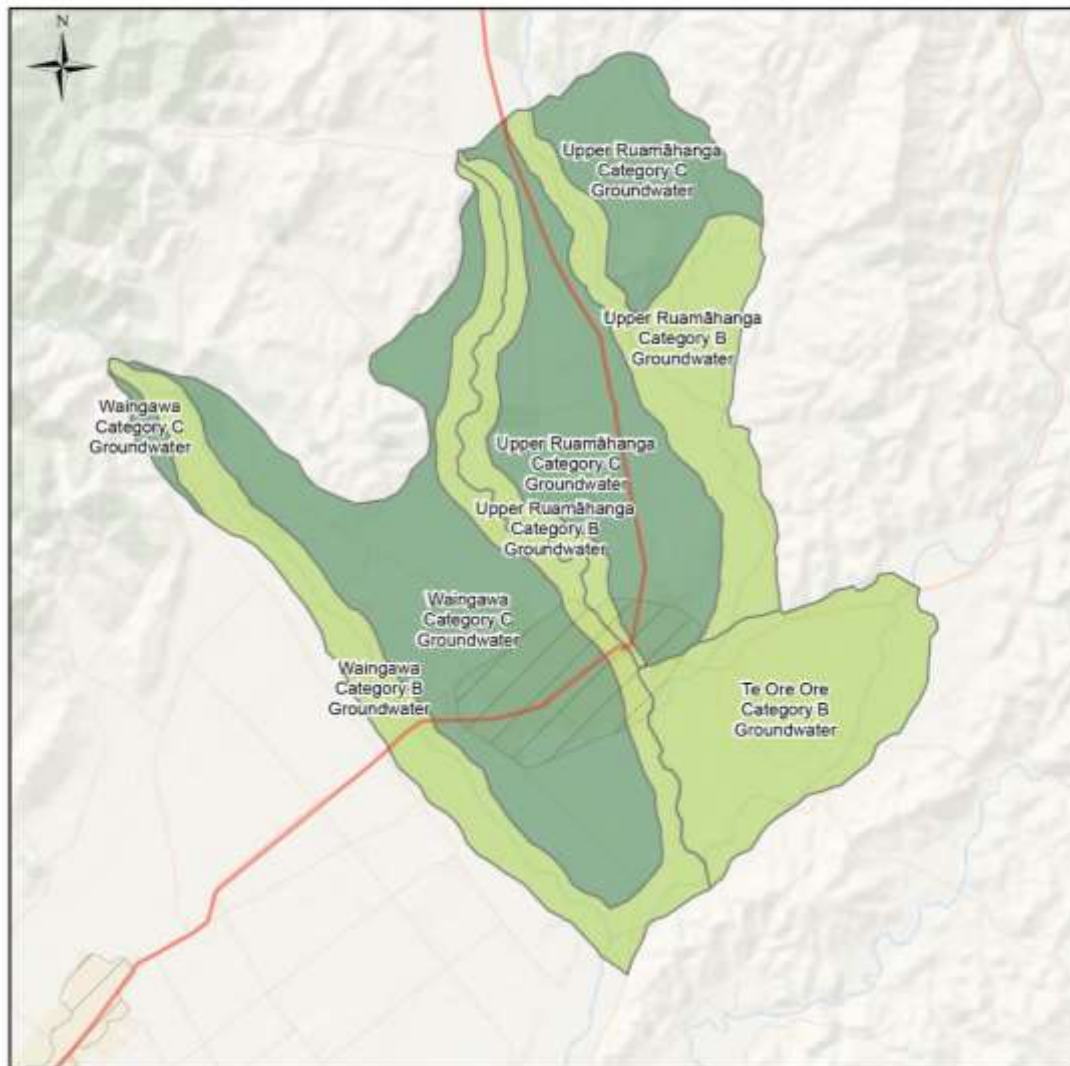
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**Figure 7.3: Upper Ruamāhanga - groundwater (20-30 metres deep) in Tables 7.3 and 7.5**



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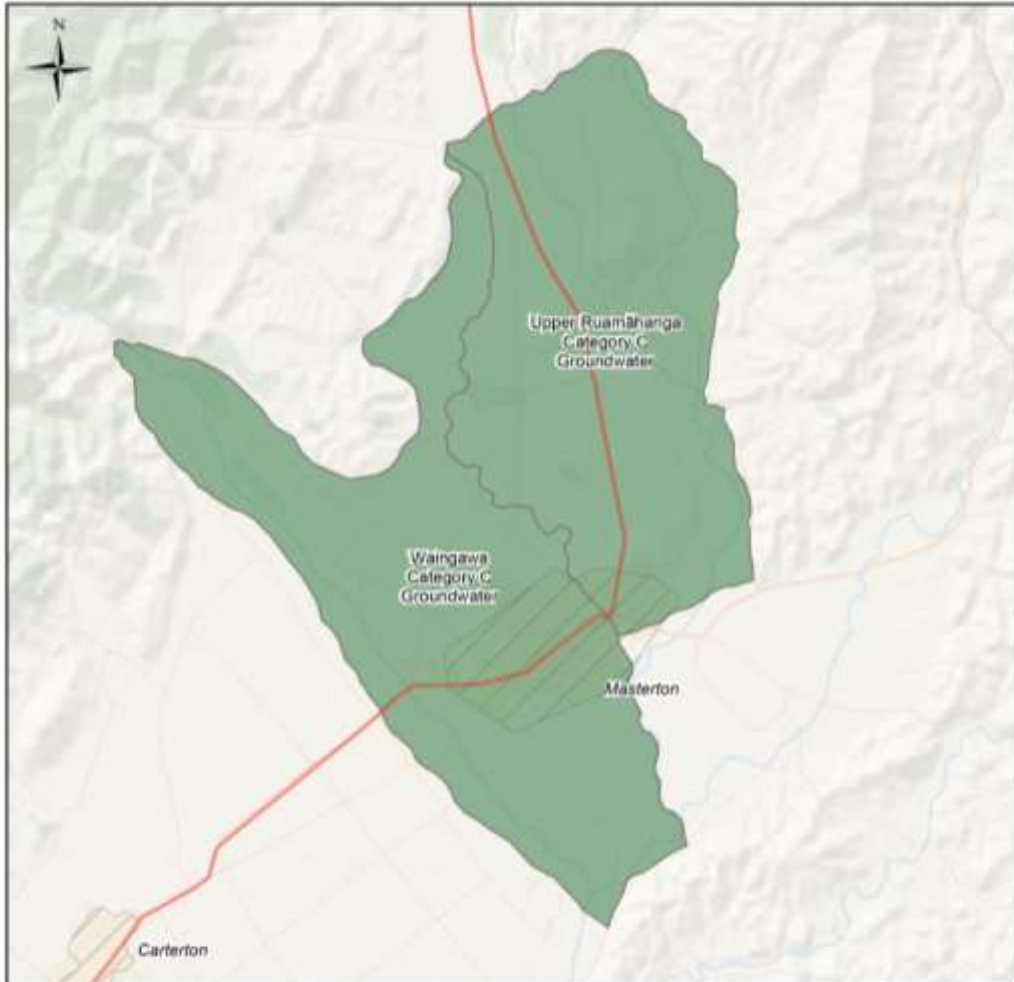


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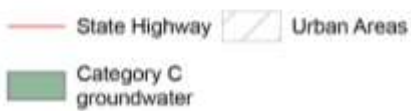


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**Figure 7.4: Upper Ruamāhanga catchment - groundwater (greater than 30 metres deep) in Table 7.5**



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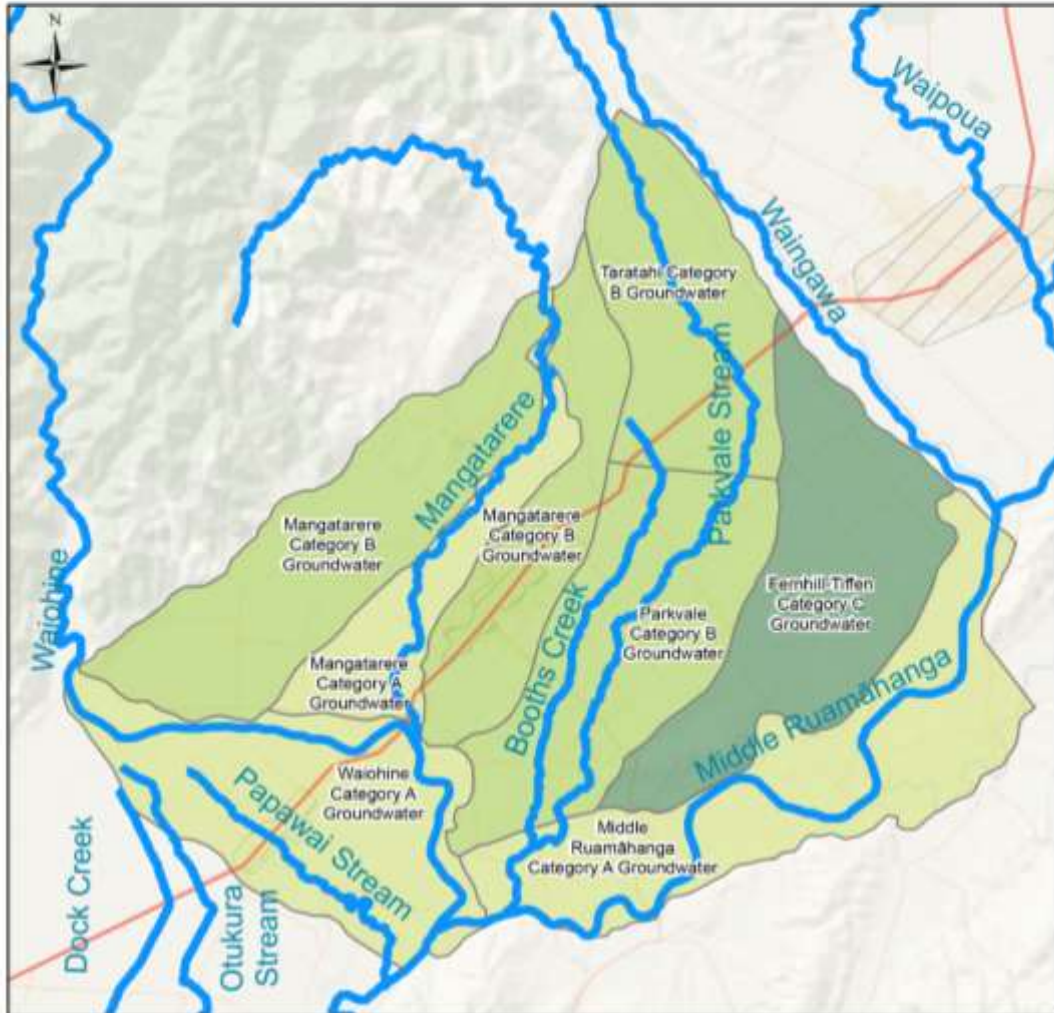


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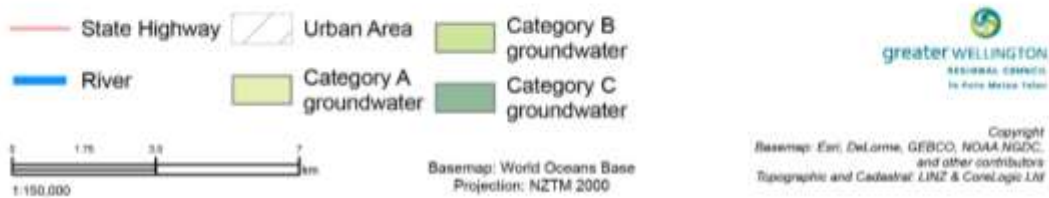


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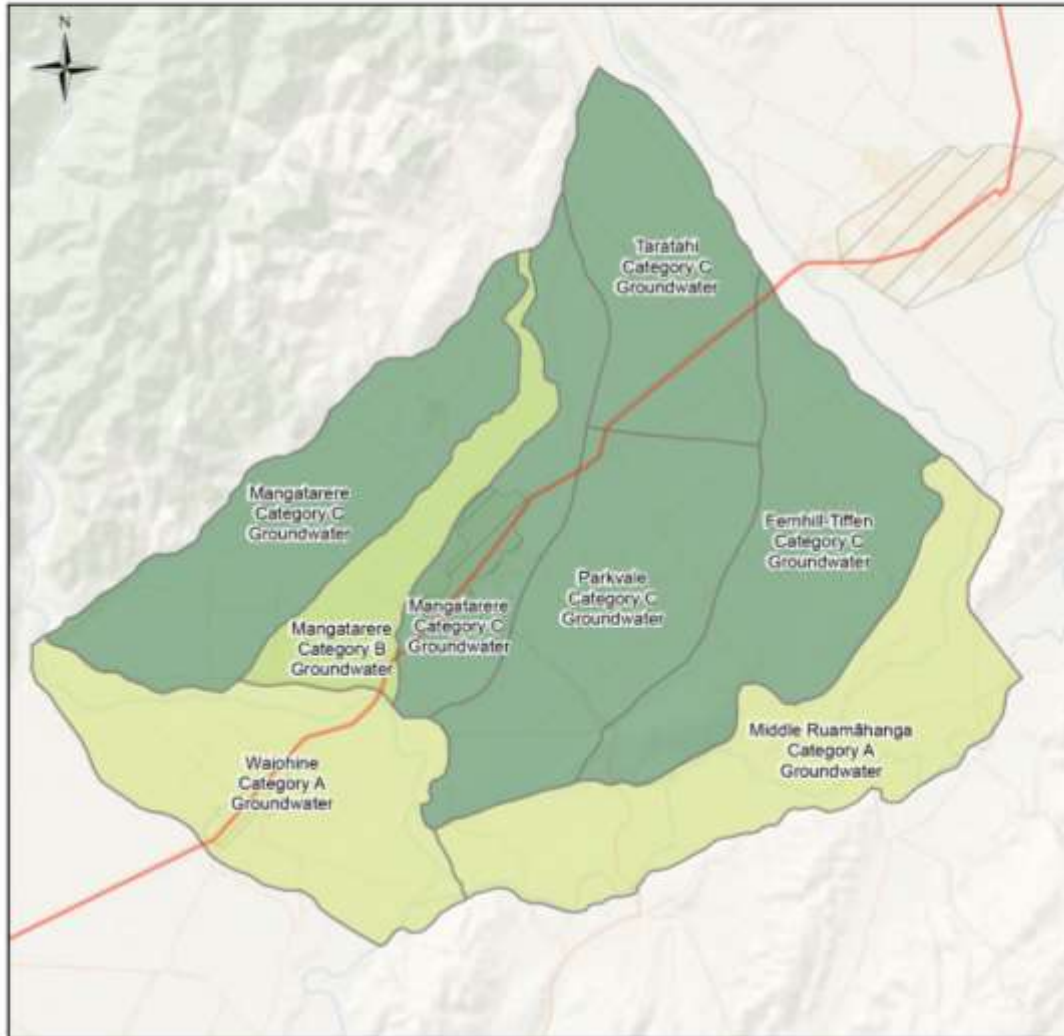
**Figure 7.5: Middle Ruamāhanga catchment - rivers and groundwater (0-20 metres deep) in Tables 7.3 and 7.5**



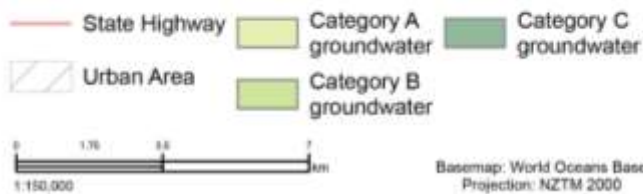
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**Figure 7.6: Middle Ruamāhanga - groundwater (20-30 metres deep) in Tables 7.3 and 7.5**



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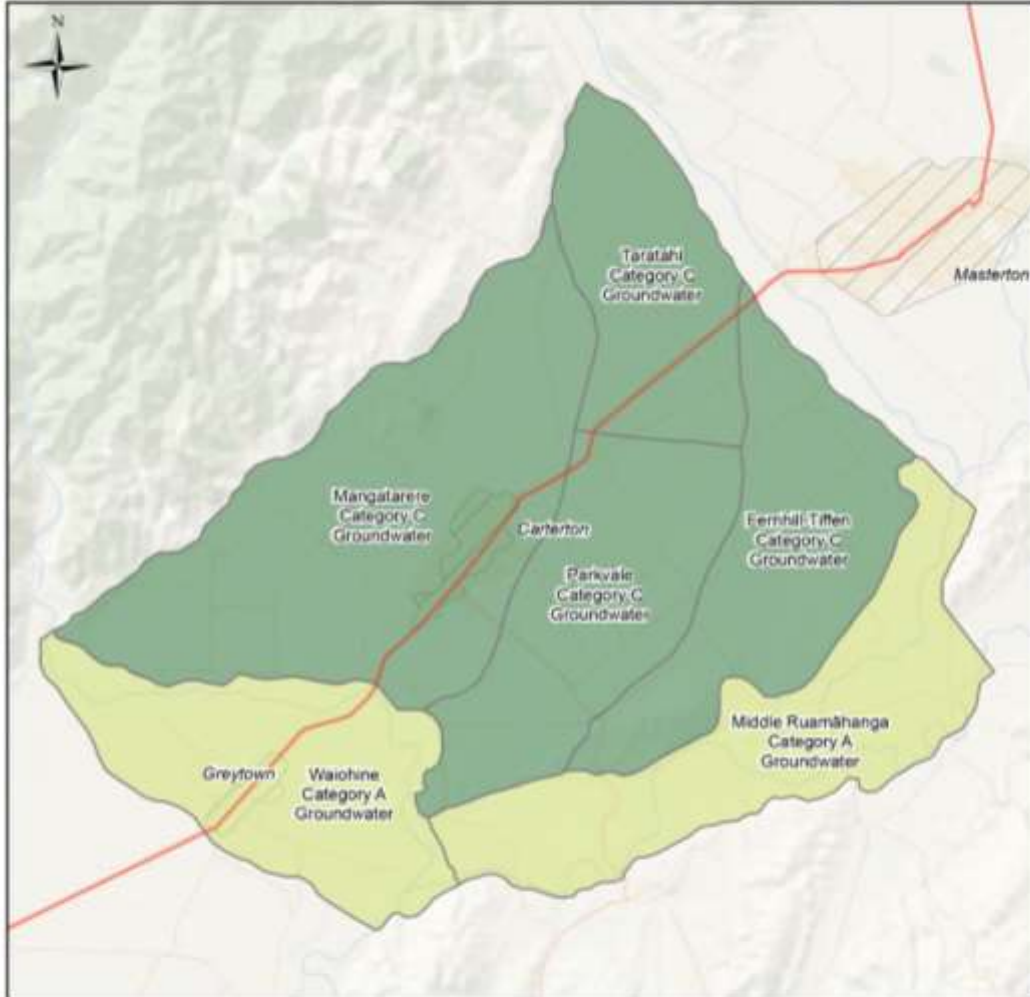


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**Figure 7.7: Middle Ruamāhanga catchment - groundwater (greater than 30 metres deep) in Tables 7.3 and 7.5**



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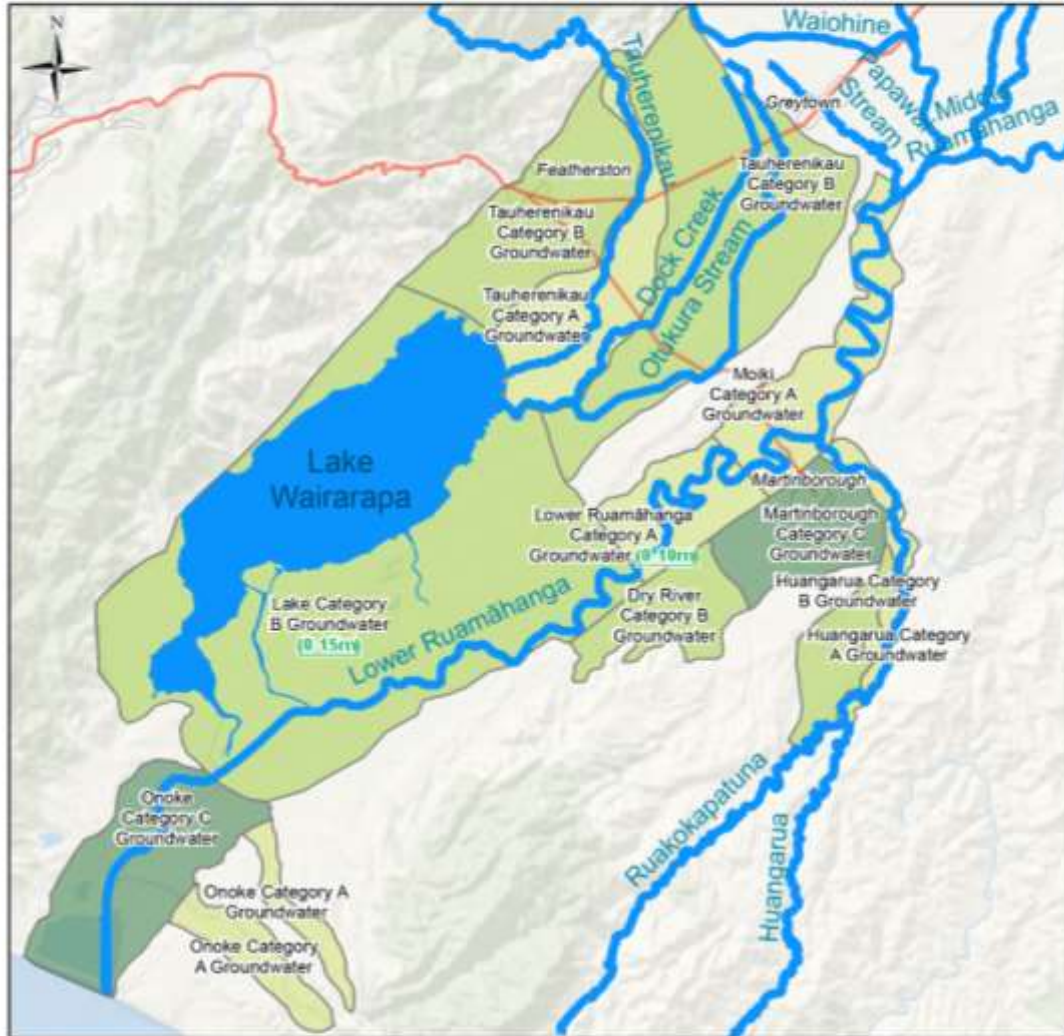


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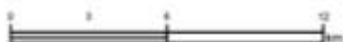


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**Figure 7.8: Lower Ruamahānga - rivers and groundwater (0-20 metres deep unless specified) in Tables 7.3, 7.4 and 7.5**



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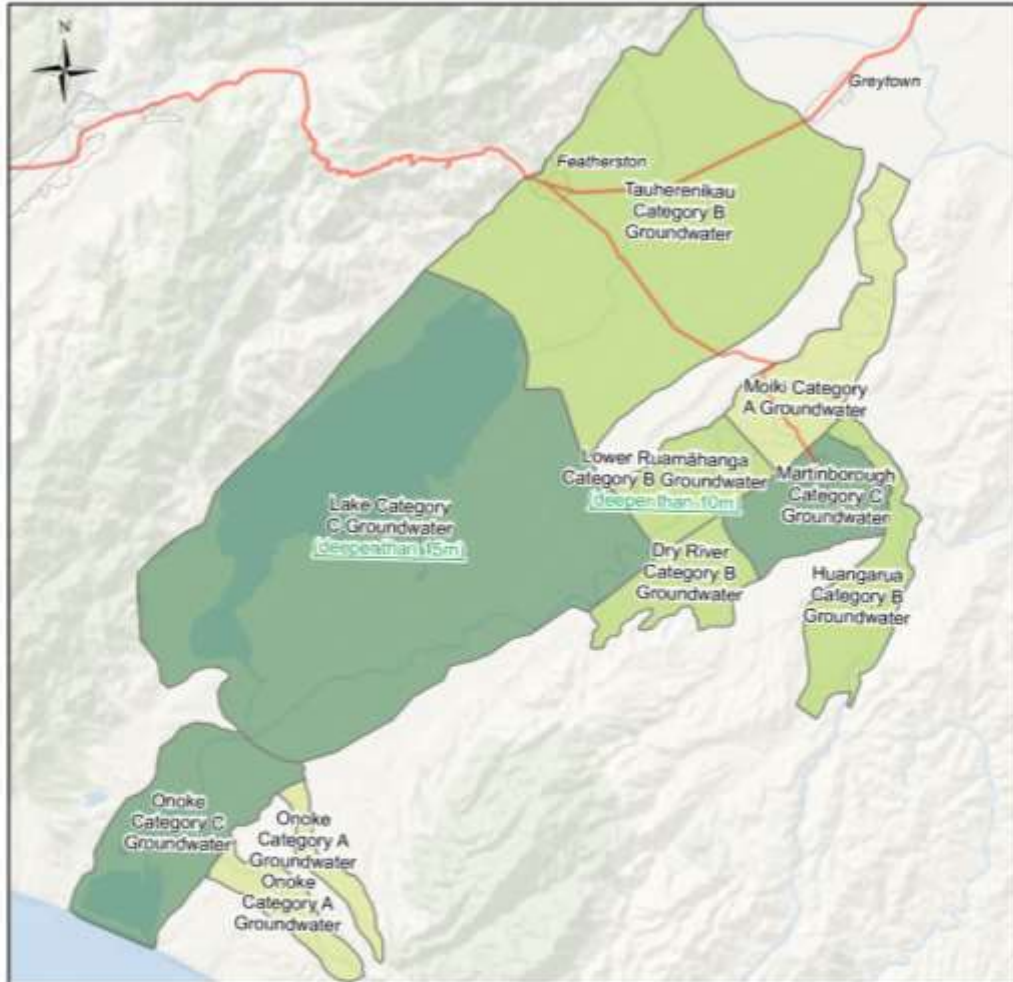
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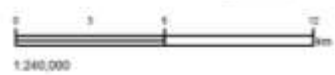


**Figure 7.9: Lower Ruamāhanga catchment - groundwater (greater than 20 metres deep unless specified) in Tables 7.3, 7.4 and 7.5**



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-  State Highway
-  Urban Area
-  Category A groundwater
-  Category B groundwater
-  Category C groundwater



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