

RECOMMENDED GROUNDWATER MONITORING BORES AND TRIGGER LEVELS TABLE

Schedule A: Recommended Groundwater Monitoring Bores and Trigger Levels										
Bore Intake Zone	Bore ID	Map Reference NZTM 2000 (E/N)	Ground Level (m, RL)	Screen Interval (m, RL)	Geol.	Seasonal Variations in Shallow Bores (m)	Predicted Drawdowns (m)	Estimated Pre-Quarry Groundwater Level (m, RL)	Groundwater Level (m, RL) August 2024	Proposed Trigger Level (m, RL)
Deep greywacke bores within Hunua Greywacke Block	SG3L	1776542/5890385	157.38	0 to -5	G	-	121	64	43.95	-60
	SG3U	1776542/5890385	156.35	50-44	G	-	121	64	85.53	-60
	SG7	1777162/5892100	202.34	-3.66 to -11.66	G	-	61	64	48.1	-60
Deep greywacke bores east of Hunua Fault	SG11L	1777712/5890556	222.5	4.5 to -7.5	G	-	200	172.23	166.43	-27.77
	SG12L	1778101/5890213	277	6 to -3	G	-	206	179.46	179.59.	-26.54
	SG13	1777736/5889520	249	8 to -1	G	-	145	108.95	102.85	-36.05
	MK1L (Deep) ²	1778386/5889289 1778421/5889312	TBC	TBC	G	TBC	100 ³	TBC	TBC ⁵	TBC
	MG1L²	TBC	TBC	TBC	G	TBC	TBC	TBC	TBC	TBC
	BH103	1777212/5888550	128.12	77-71	G	-	78	127.5	96.83	49.5
	BH109	1776798/5888474	81.53	50.03-47.03	G	-	72	79.91	80.33	7.91
	BH113-1	1776744/5888268	115.67	22.47-20.47	G	-	65	100	77.13	35
	22498 (SG6)	1776905/5887425	100	42-20	G	-	47	62	51.23	15
Shallow bores within Hunua Greywacke Blocks	SG1U	1775928/5891217	39.32	24-18	V	1.1	(SV+2)	38.22	38.17	35.15
	SG1L	1775928/5891217	39.17	0 to -5	V	1.98	(SV+2)	28.73	27.84	24.75
Shallow bores East of Hunua Fault	BH113-3	1776744/5888268	115.67	76-74	CM	7.25	(SV+2)	95.52	95.47	86.27
	BH104	1777227/5888410	135.97	107-101	CM	5.57	(SV+2)	123.20	122.84	115.63
	SG11U	1777709, 5890549	222.5	202.94 to 153.5	G	3.45	(SV+2)	172.92	171.87	167.47
	SG12U	1778105, 5890132	277	221 - 212	G	7.18	(SV+2)	224.39	224.01	215.21
	MK1U (Shallow)	1778386/5889289 1782676/5890996	TBC	TBC	G	TBC	(SV+2)	TBC	TBC	TBC
Shallow bores west of Drury Fault	SG9	1775804/5888767	25	5 to -5	V	1.06	(SV+2)	22.65	22.66	19.59
	SG10	1775488/5888702	26.74	9.74 to -3.26	V	0.91	(SV+2)	24.15	24.15	21.24
	21134	1776144/5887966	26.7	-2 to -33	V	2.83	(SV+2)	22.11	22.29	17.28
	SG4	1775830/5897720	39.34	20 to 9	A/V	1.15	(SV+2)	37.61	37.97	34.46
	SG8	1776311/5888663	52.75	24.75 to 12.75	V	1.47	(SV+2)	39.41	39.43	35.94
	BH03-New	1776243/5888470	46.77	21.77 to 11.77	A	0.52	(SV+2)	31.72	31.92	29.20
Notes: 1. Any existing monitoring bores with screen intervals above the proposed trigger levels need to be replaced if bores go dry. 2. SV (Seasonal Variation) + 2m incorporated into trigger levels for all shallow bores or bores predicted not to be affected by the dewatering. 3. MK1L (Deep) and MK1U (Shallow) shall be drilled 6 months after the consent.										

4. *Based on the same analytical method discussed in PDP (2025), excluding any in-well drawdown.*
5. *Trigger levels (in RL) will be established after identifying the static water levels in the new bores.*