

O28/ Brown No.	O28w/ MDC No.	X NZMS (Brown)	Y NZMS (Brown)		Converted Brown Easting	Converted Brown Northing	Dia. (mm)	Depth (m)	Owner (BROWN)	Maximum lithologic well depths &	Hannah's Analysis	X NZTM	Y NZTM	Dia. (mm)	Depth (m)	Owner (W & G)	Maximum lithologic well depths &	Comments (W & G)	Follow-up action	MCRWB NUMBER	Intermediate number	W & G 2022 NUMBER	alysis of similar	Actions	Job Done	Added File Note to Resource Consent No.
1		689	647	O28 689 647	1658892.744	5403002.157	1000		O28	3.4	It most likely to be O28w/0072. Depth and diameter matched.	1658948	5410200	75		Lands & Survey	6.4 m. but no lithology	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number & register BROWN	O28w/0072		O28w/0001	same depth &	de-activate O28w/0072 by removing grid ref. & add note saying well known as O28w/0001	Well number changed from O28w/0072 to O28w/0001 to match the Brown 1981 sequence. The blank well record of O28w/0072D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
2		658	636	O28 658 636	1655793.49	5401902.78	150	20.4		3.2-20.4 m blue cemented gravels very tight	Exact same location with O28w/032. Depth, diameter and lithology matched (see Brown and MDC logs)	?	?			McClintock (Domestic well)	?	Not registered in W & G	No spatial knowledge of W G well. Register BROWN well 2	O28w/0032		O28w/0002	same grid ref., exact same lithologica description, same dia., same depth	de-activate O28w/0032 by removing grid ref. & add note saying well known as	Well number changed from O28w/0032 to O28w/0002 to match the Brown 1981 sequence. The blank well record of O28w/0032D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
3		636	635	O28 636 635	1653594.098	5401803.037	50	2.1		-	It most likely to be O28w/0073. Depth and diameter matched.	?	?			JL Dillon	?	Not registered in W & G	No spatial knowledge of W G well. Register BROWN well 3	O28w/0073		O28w/0003	same depth/di	de-activate O28w/0073 by removing grid ref. & add note saying well known as	Well number changed from O28w/0073 to O28w/0003 to match the Brown 1981 sequence. The blank well record of O28w/0073D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
4		607	628	O28 607 628	1650694.852	5401103.536	150	7.6		7.4-7.6 m brown gravel water bearing		1645456	5399855	300	13.7	AC Beattie	11.5-13.7 m grey cobbles to coarse gravel	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN well 4	O28w/0077	O28w/0031	O28w/0004	similar grid ref. /0004 & /0077 but larger gap with /0031. Exact match between 3 sites for lithologic description/d epths. Same	de-activate O28w/0031 & /0077 by removing grid ref. & add note saying well known as O28w/0004	Well number changed from O28w/0077 and O28w/0031 to O28w/0004 to match the Brown 1981 sequence. Coordinates removed from O28w/0077. The blank well record of O28w/0031D was created to keep the paper trail (H Nguyen, MDC, May 2023).	U150493, meter 1364. 3 meters (1364, 2614, 2615)
5		608	625	O28 608 625	1650794.793	5400803.611	150	6.1		3.1-6.1 m coarse cemented gravel		1653194	5402003	250	8.16	AC Munro	4.87-8.16 m w/b shingle some sand & clay	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0077	O28w/0030	O28w/0005	similar but not exact grid ref. Exact match with depth & lithology	de-activate O28w/0030 & /0077 by removing grid ref. & add note saying well known as O28w/0005	Well number changed from O28w/0077 and O28w/0030 to O28w/0005 to match the Brown 1981 sequence. Coordinates removed from O28w/0077. The blank well record of O28w/0030D was created to keep the paper trail (H Nguyen, MDC, May 2023).	U180123, meter 2906
6		588	619	O28 588 619	1648795.303	5400203.98	100	8.5		-	It most likely to be O28w/0071. Depth and diameter matched.	545 (1644602)	615 (5399887)	150		Salmon farm?	?-27.4 m tight blue clay & shingle	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0071		O28w/0006	Similar grid ref	de-activate O28w/0071 by removing grid ref. & add note saying well known as O28w/0006	Well number changed from O28w/0071 to O28w/0006 to match the Brown 1981 sequence. The blank well record of O28w/0071D was created to keep the paper trail (H Nguyen, MDC, May 2023)	U180448, meter 943
7		539	613	O28 539 613	1643896.658	5399604.62	1000	3.7		-	It most likely to be O28w/0065. Depth and diameter matched. Aquifer test details in Page 54 Brown book.	1644496	5398804	125	5.92	Hall	?-5.92 m w/b shingle & yellow clay	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0065		O28w/0007	Similar grid ref	de-activate O28w/0065 by removing grid ref. & add note saying well known as O28w/0007	Well number changed from O28w/0065 to O28w/0007 to match the Brown 1981 sequence. The blank well record of O28w/0065D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
8		572	613	O28 572 613	1647195.7	5399604.306	50	4.3		-	It most likely to be O28w/0070. Depth and diameter matched.	5426	6032	100		M pest destruction	?-5.7 m w/b blue gravels	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0070		O28w/0008	similar grid ref	de-activate O28w/0070 by removing grid ref. & add note saying well known as O28w/0008	Well number changed from O28w/0070 to O28w/0008 to match the Brown 1981 sequence. The blank well record of O28w/0070D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
9		546	604	O28 546 604	1644596.36	5398704.818	150	11.6		-	?	5410	6020	100		Manning	? - 7.23 m w/b gravel some yellow clay	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0068		O28w/0009	Large difference in grid ref. B	Historic well identified & added to W & G as part of comparison of well sequence in WELLS & GEOLOGY database with number sequence in BROWN 1981 (P. Davidson MDC May 2023).		
10		539	604	O28 539 604	1643896.565	5398704.885	50	14.6		-	It most likely to be O28w/0064. Depth and diameter matched.	5450	6030	75		M pest destruction	4.88-6.10 stones small to clay & sand	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0064		O28w/0010	Similar grid ref.	de-activate O28w/0064 by removing grid ref. & add note saying well known as O28w/0010	Well number changed from O28w/0064 to O28w/0010 to match the Brown 1981 sequence. The blank well record of O28w/0064D was created to keep the paper trail (H Nguyen, MDC, May 2023)	

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11		546	603	O28 546 603	1644596.35	5398604.848	100	10.7		-	It most likely to be O28w/0067. Depth and diameter matched.	5440	6021	62		school	3-6 m clay to loose river run stones & sand	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0067		O28w/0011	Similar grid ref.	de-activate O28w/0067 by removing grid ref. & add note saying well known as O28w/0011	Well number changed from O28w/0067 to O28w/0011 to match the Brown 1981 sequence. The blank well record of O28w/0067D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
12		538	600	O28 538 600	1643796.552	5398305.013	75	5.5		-	It most likely to be O28w/0066. Depth and diameter matched.	6069	6308	100		Stratford	?-5 m all big stones	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0066		O28w/0012	Similar grid ref.	de-activate O28w/0066 by removing grid ref. & add note saying well known as O28w/0012	Well number changed from O28w/0066 to O28w/0012 to match the Brown 1981 sequence. The blank well record of O28w/0066D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
13		699	567	O28 699 567	1659891.602	5395004.22	pit	3.1			It most likely to be O28w/0076. Depth and "pit" matched.	5370	6090	152		MCC	-9.14 m blue clay blue shingle & sand	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0076		O28w/0013	Same drill date, same dia. (pit) , same depth, 10 m. & 46 m. difference in grid refs. No lithology to compare from either	de-activate O28w/0076 by removing grid ref. & add note saying well known as O28w/0013	Well number changed from O28w/0076 to O28w/0013 to match the Brown 1981 sequence. The blank well record of O28w/0076D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
14		435	557	O28 435 557	1633499.18	5394007.322	100	6.1			It most likely to be O28w/0063. Depth and diameter matched.	5360	6120	152		MCC	-10.36 m blue clay sand & shingle	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0063		O28w/0014	Similar grid ref.	de-activate O28w/0063 by removing grid ref. & add note saying well known as O28w/0014	Well number changed from O28w/0063 to O28w/0014 to match the Brown 1981 sequence. The blank well record of O28w/0063D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
15		689	555	O28 689 555	1658891.738	5393804.661	1000	3.1			It most likely to be O28w/0075. Depth and diameter matched.	5350	6150	152		MCC	-9.91 m w/b shingle some yellow clay	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN	O28w/0075		O28w/0015	Similar grid ref.	de-activate O28w/0075 by removing grid ref. & add note saying well known as O28w/0015	Well number changed from O28w/0075 to O28w/0015 to match the Brown 1981 sequence. The blank well record of O28w/0075D was created to keep the paper trail (H Nguyen, MDC, May 2023)	U171044, meter 1915
16		394	547	O28 394 547	1629400.346	5393008.058	100	6.1			It most likely to be O28w/0060. Depth and diameter matched.	6105	6315	?		McCabe	?	Not registered in W & G	No knowledge of W G well. Register BROWN well 16	O28w/0060		O28w/0016	Similar grid ref.	de-activate O28w/0060 by removing grid ref. & add note saying well known as	Well number changed from O28w/0060 to O28w/0016 to match the Brown 1981 sequence. The blank well record of O28w/0060D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
17		693	544	O28 693 544	1659291.494	5392704.908	50	18.3			It most likely to be O28w/0074. Depth and diameter matched.	4280	5520	?		S Raitt	?	Not registered in W & G	No knowledge of W G well. Register BROWN well 17	O28w/0074		O28w/0017	Similar grid ref.	de-activate O28w/0074 by removing grid ref. & add note saying well known as	Well number changed from O28w/0074 to O28w/0017 to match the Brown 1981 sequence. The blank well record of O28w/0074D was created to keep the paper trail (H Nguyen, MDC, May 2023)	
18		423	543	O28 423 543	1632299.398	5392607.877	100	8.2			Only match the diameter with O28w/0062, not depth	5170	5900	?		C & R Turner	?	Not registered in W & G	Checked property & TURNER still lives there so maybe under another number No knowledge of W G well.	O28w/0059		O28w/0018	Similar grid ref.	de-activate O28w/0059 by removing grid ref. & add note saying well known as O28w/0018	Historic well identified & added to W & G as part of comparison of well sequence in WELLS & GEOLOGY database with number sequence in BROWN 1981 (P. Davidson MDC May 2023).	
19		423	543	O28 423 543	1632299.398	5392607.877	100	5.8			It most likely to be O28w/0061. Depth and diameter matched.	5990	6280	1050		Munro	5-7 m. stones gravel with some sand	Registered in W & G with log	Different wells duplicate number Allocate W & G well new number. Register BROWN			???		Historic well identified & added to W & G as part of comparison of well sequence in WELLS & GEOLOGY database with number sequence in BROWN 1981 (P. Davidson MDC May 2023).		

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20		420	541	O28 420 541	1631999.469	5392407.971	1250	5.2			Only match the depth with O28w/0062, not diameter	6080	6290	?		Thomas	?	Not registered in W & G	No knowledge of W G well. Register BROWN well 20	O28w/0062			same depth/di	de-activate O28w/0062 by removing grid ref. & add note saying well known as	Historic well identified & added to W & G as part of comparison of well sequence in WELLS & GEOLOGY database with number sequence in BROWN 1981 (P. Davidson MDC May 2023).	
21		684	646	O28 684 646	1658392.871	5402902.236	?	7.3		7.3-? m grey poorly sorted sub-rounded gravel pebbles up to 100 mm tight drilling	?	6100	6300			J & N Scobie		Not registered in W & G	No knowledge of W G well. Register BROWN				Added	O28w/0021 to W & G DB	Historic well identified & added to W & G as part of comparison of well sequence in WELLS & GEOLOGY database with number sequence in BROWN 1981 (P. Davidson MDC May 2023).	

O28 689 647	1658892.74	5403002.16	0
O28 658 636	1655793.49	5401902.78	0
O28 636 635	1653594.1	5401803.04	0
O28 607 628	1650694.85	5401103.54	0
O28 608 625	1650794.79	5400803.61	0
O28 588 619	1648795.3	5400203.98	0
O28 539 613	1643896.66	5399604.62	0
O28 572 613	1647195.7	5399604.31	0
O28 546 604	1644596.36	5398704.82	0
O28 539 604	1643896.57	5398704.89	0
O28 546 603	1644596.35	5398604.85	0
O28 538 600	1643796.55	5398305.01	0
O28 699 567	1659891.6	5395004.22	0
O28 435 557	1633499.18	5394007.32	0
O28 689 555	1658891.74	5393804.66	0
O28 394 547	1629400.35	5393008.06	0
O28 693 544	1659291.49	5392704.91	0
O28 423 543	1632299.4	5392607.88	0
O28 423 543	1632299.4	5392607.88	0
O28 420 541	1631999.47	5392407.97	0
O28 684 646	1658392.87	5402902.24	0