INTERPRETATION TABLE

HLA-B*51 SSP subtyping

Amplification patterns of the B*51:01 to B*51:95 alleles

	Well[3]																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Length of spec.	105	95	265	255	270	210	270	105	85	160	245	495	200	105	100	180	105	140	145	110	130	160	210	210	130	105	205	205	245	105	105	165
PCR product(s)									195	245					230			220			185				175	155	270	255			225	
									215																205		345					
Length of int. pos. control[1]	800	1070	1070	1070	1070	800	1070	800	1070	1070	1070	1070	1070	1070	800	1070	800	800	800	1070	1070	1070	1070	1070	800	1070	800	1070	1070	800	1070	1070
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
HLA-B allele[2]																																
*51:01:01, 51:01:03-51:01:07, 51:01:10-51:01:14, 51:01:16-51:01:17	1	2																				22		24					29			
*51:01:02	1	2																											29			
*51:01:08, 51:01:15	1	2																				22		24					29			
*51:01:09	1	2								10																			29			
*51:02:01, 51:02:03-51:02:04	1		3																			22		24					29			
*51:02:02	1		3																										29			
*51:03	1	2		4																		22		24					29			
*51:04	1	2			5																	22		24			27					
*51:05	1		3			w																							29		31	
*51:06	1	2					7															22		24						30		
*51:07:01		2						8														22		24					29			
*51:07:02		2						8																					29			
*51:08	1								9									18				22		24					29			
*51:09:01	1					6																22		24					29			
*51:09:02	1					6																							29			
*51:10	1		3			6				10	11								19			22		24								
*51:11N	1	2										12										22		24					29			
*51:12	1	2											13									22		24					29			
*51:13:01-51:13:02	1	2												14								22		24		26			29		31	
*51:14	1	2													15							22		24					29			
*51:15	1		3			6										16													29			
*51:16	1	2									11											22		24								32
*51:17	1	2							9													22		24					29			
*51:18	1	2														16						22		24					29			
*51:19	1					6									15							22		24					29			
*51:20	1								9									18				22		24					29			
*51:21	1	2								10												22		24								
*51:22		2															17					22		24					29			
*51:23	1		3																			22		24				28	29			
*51:24:01	1	2																	19			22		24					29			
*51:24:02-51:24:03	1	2								10									19			22		24					29			
*51:26	1	2																		20		22		24					29			
*51:27N	1	2																			21	22		24					29			
*51:28	1	2																18				22		24					29			
*51:29	1	2																				22		24					29		31	
*51:30	1	2																				22		24	25				29			
*51:31	1					6					11											22		24								32
*51:32	1	2																				22		24		26			29			
*51:33	1	2																				22		24			27	28	29			
*51:34	1		3								11											22		24								32
*51:35	1	2							9							16						22		24					29			
*51:36	1		3							10								18				22		24								
*51:37	1	2																				22		24		26			29		31	
*51:38	1	2																			21	22		24	25				29			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
*51:39	1	2																				22		24			27		29			
*51:40	1		3			6																22		24					29			

*51:41N	1	2																				22		24					29			
*51:42	1																					22		24								
*51:43	1	2																				22		w					29			
*51:44N	1								9									18				22		24					29			
*51:45	1	2					7															22		24								
*51:46	1	2			5																	22		24			27					
*51:48	1	2																				22		24					29			
*51:49	1	2																				22		24					29			
*51:50	1	2																				22		24					29			
*51:51, 51:76[4]	1	2																				22		24					29			
*51:52	1	2																				22		24					29			
*51:53	1																					22		24	25				29			
*51:54	1		3			w																							29		31	
*51:55	1	2																				22		24					29			
*51:56	1	2			5																	22		24			27			30		
*51:57	1	2																				22		24					29			
*51:58	1	2																				22		24					29			
*51:59	1																					22		24						30		
*51:60	1	2																				22		24					29			
*51:61	1	2																				22		24					29		31	
*51:62	1	2					7									16						22		24								
*51:63	1	2																				22		24		26			29		31	
*51:64	1	2					7															22		24						30		
*51:65	1	2																				22		24					29			
*51:66-51:67[5]	1	2																				22		24					29			
*51:68, 51:72[6]	1	2																				22		24					29			
*51:69	1	2																				22		24					29			
*51:70-51:71[7]	1	2																				22		24					29			
*51:73	1					6																22		24					29			
*51:74	1	2																				22		24					29			
*51:75, 51:77[8]	1	2																				22		24					29			
*51:78	1	2																				22							29			
*51:79	1	2																				22		24					29			
*51:80	1	2																				22		24					29			
*51:81	1																					22		24								
*51:82	1	2									11											22		24							31	32
*51:83, 51:88[9]	1	2																				22		24					29			
*51:84, 51:94[10]	1	2																				22		24					29			
*51:85	1	2																				22		24					29			
*51:86, 51:95[11]	1	2																				22		24					29			
*51:87	1	2																				22		24					29			
*51:89	1	2																											29			
*51:90	1	2																				22		24					29			
*51:91	1	2																				22		24					29			
*51:92	1	2												14								22		24		26			29		31	
*51:93	1		3			6					11																					32
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

*07:02:01-07:02:10, 07:02:12-07:02:13, 07:02:15-07:05:02, 07:05:04-07:06, 07:08-07:11, 07:13, 07:15-07:17, 07:19-07:21, 07:23-07:35, 07:37, 07:39-07:55, 07:57-07:64, 07:66-07:67N, 07:69-07:71, 07:73-07:76, 07:79-07:80, 07:82-07:83, 07:85-07:99, 08:01:02, 08:06, 08:20, 27:07, 27:11, 27:24, 27:32-27:34, 27:43, 40:02:01-40:03, 40:05, 40:09, 40:15-40:16, 40:18, 40:24, 40:27, 40:29, 40:31-40:32, 40:35, 40:37, 40:39-40:40, 40:45, 40:50, 40:56-40:57, 40:80, 40:82, 40:85, 40:89-40:91, 40:94, 40:97-40:98, 48:01:01-48:01:02, 48:04-48:11, 48:13, 48:15-48:16, 48:19-48:20, 48:22, 81:01-81:04N,																																
*07:02:11, 07:05:03																														30		32
*07:36, 07:38, 07:81																																
*07:56, 07:72, 55:04																																
*07:65																						w	23									
*07:78			3							10	11								19												31	
*07:84			3							10	11								19												31	
*08:03, 08:52																																
*08:09, 41:01, 41:05-41:07, 41:09, 41:12, 42:04			3							10								18	19													
*08:26, 08:56, 15:02:01-15:02:04, 15:08, 15:11:01-15:11:04, 15:15, 15:21, 15:31, 15:44, 15:55, 15:76, 15:88-15:89, 15:112, 15:121, 15:139, 15:143-15:144, 15:148, 15:170, 15:189, 15:191, 35:08:02, 35:19, 35:26, 35:49, 35:78, 54:06, 54:09, 55:08, 55:14, 56:03, 56:09-56:12, 56:18																																
*08:32, 35:69	1																															
*08:39																																
*08:49, 08:60, 37:01:06, 37:06, 42:13, 44:02:08, 44:16, 44:42, 44:91																																
*13:02:01-13:02:07, 13:08Q-13:09, 13:14, 13:19, 13:27, 13:30, 13:32-13:34, 13:37			3			6					11																					
*13:03, 46:11, 56:08, 56:14, 56:16			3			6										16													29			
*13:04, 15:155			3			6																				26			29		31	
*13:15						6					11																					
*13:16, 49:07			3								11																					
*13:18			3			w					11																				31	
*13:31			3								11																				31	
*13:35			3			6					11																					
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*14:10, 40:28		2			5																						27					
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*15:13																																
*15:16, 15:67, 15:95, 49:04-49:05			3																							26			29		31	
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

*15:17:01:01-15:17:02, 15:24, 15:87, 15:157, 15:162, 15:168, 15:177, 57:01:01-57:01:07, 57:04, 57:06, 57:08, 57:10-57:11, 57:13, 57:15-57:16, 57:18-57:23, 57:25-57:31, 58:01:01-58:02, 58:04-58:07, 58:10N-58:16, 58:18-58:26																																
*15:38:01-15:38:02		2					7																									
*15:42, 55:36, 55:40			3							10																						
*15:73, 40:71, 82:01-82:03																16																
*15:83, 45:08			3							10								18														
*15:137			3											14												26			29		31	
*15:185, 18:37, 18:48, 39:43							7																									
*18:01:01-18:02, 18:05-18:06, 18:08-18:09, 18:12-18:13, 18:17N-18:18, 18:20, 18:23N-18:25, 18:27-18:28, 18:31-18:32, 18:34, 18:36, 18:38, 18:40, 18:42-18:47, 18:49							7	8																								
*18:03							7	8																								
*18:04							7	8														22	23									
*18:07:01-18:07:02	1						7																									
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*18:26, 18:41							7	8																								
*18:29	1						7																									
*18:33							7										17															
*18:39								8																								
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*27:14			3			6				10	11																					
*27:28, 27:62, 39:32, 39:48							7																									
*35:01:01-35:08:01, 35:08:03-35:09:02, 35:11-35:12:02, 35:14:01-35:15, 35:17-35:18, 35:22-35:23, 35:27, 35:30, 35:32-35:36, 35:39-35:42:01, 35:43-35:44, 35:48, 35:50-35:59, 35:61-35:62, 35:64-35:68:02, 35:70, 35:74-35:75, 35:77, 35:79, 35:83, 35:86-35:89, 35:91-35:94, 35:97-35:99, 53:03, 53:11-53:13	1																															
*35:10, 35:13, 35:16, 35:80, 35:84, 35:90, 38:06-38:07	1																															
*35:20:01-35:20:02, 35:72, 35:95, 53:09								8																								
*35:21	1	2			5																						27					
*35:24:01-35:24:02	1				5																						27					
*35:29	1																															
*35:31	1																															
*35:37	1		3			6																				26			29		31	
*35:38	1																															
*35:42:02	1																					22	23									
*35:45, 35:71	1																															
*35:46-35:47																																
*35:60	1		3			6				10																						
*35:76																																
*35:81	1				5																						27					
*35:82, 35:85																	17															
*35:96	1	2			5																						27					
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
*37:01:01-37:01:05, 37:01:07, 37:03N, 37:05, 37:08, 37:10-37:20, 37:22								8																								
*37:04:01-37:04:02					5			8	9																		27					

*37:07, 37:09								8																								
*37:21	1																															
*39:06:01-39:06:02			3			6				10				14	15											26					31	
*39:19:01-39:19:02																	17															
*39:33			3			w								14												26			29		31	
*39:34			3			6				10				14												26					31	
*39:50			3			6					11			14												26					31	
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*40:01:06																														30		32
*40:06:01:01-40:06:02, 40:53, 40:70, 40:75, 40:83, 40:93, 40:96			3			6				10	11								19													
*40:07, 40:68																																
*40:08																																
*40:13																																
*40:19																																
*40:44			3			6				10	11								19													
*40:58																							23									
*40:86			3			6				10	11			14					19							26					31	
*40:95			3								11																					32
*44:02:01:01-44:02:07, 44:02:09, 44:02:11-44:02:13, 44:05:01-44:05:02, 44:08-44:09, 44:11-44:12, 44:14, 44:17, 44:19N, 44:21-44:23N, 44:25, 44:27, 44:33, 44:44, 44:48-44:49, 44:51-44:53, 44:55, 44:58N-44:59, 44:63, 44:66-44:68, 44:70-44:75, 44:78, 44:80, 44:84, 44:86-44:90, 44:93, 44:95, 44:97, 83:01, C*15:25																																
*44:02:10, 44:34																																
*44:03:01-44:04, 44:07, 44:13, 44:26, 44:28:01-44:30, 44:32, 44:35-44:36, 44:38-44:40, 44:43, 44:45-44:46, 44:50, 44:56N-44:57, 44:60-44:61N, 44:69, 44:76-44:77, 44:79, 44:81-44:82, 44:85, 44:92, 44:94, 44:96, 44:98																																
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*44:10																16																
*44:15, 44:18, 45:01, 45:05-45:07, 45:11			3													16		18										28	29			
*44:20			3															18										28	29			
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*44:47			3			6																						28	29			
*44:62																														30		
*44:83								8																								
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*45:03			3															18										28	29			
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*45:09			3															18								26		28	29		31	
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*48:18, 58:27																																
*49:01:01-49:02, 49:06, 49:08, 49:10, 50:01:01-50:01:02, 50:04-50:08			3													16													29			
*49:03			3					8								16								24					29			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
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*50:02			3													16												28	29			
*50:09			3											14												26			29		31	
*52:01:01, 52:01:03, 52:01:05, 52:04-52:05, 52:07, 52:13, 52:17-52:18		2						8																					29			

*52:01:02, 52:01:04, 52:09		2						8																24					29			
*52:02, 58:08		2																						24					29			
*52:03			3			6		8																24					29			
*52:06:01-52:06:02	1	2																						24					29			
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*52:10						6		8																					29			
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*52:14		2						8						14												26			29		31	
*52:15		2						8																				28	29			
*52:16		2																											29			
*52:19								8	9									18											29			
*52:20, 78:05-78:06		2						8																					29			
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*53:02	1				5																						27					
*53:06	1	2			5																	22		24			27					
*53:17								8																								
*53:19	1																															
*53:22	1																															
*53:23	1																															
*54:01-54:02, 54:04-54:05N, 54:07-54:08N, 54:12-54:13, 54:17-54:19, 54:22, 55:02:01-55:02:02, 55:02:04-55:02:05, 55:07, 55:12, 55:16, 55:19, 55:26, 55:30, 55:35, 55:39, 56:23, 59:01, 59:05			3			6				10																						
*54:03, 56:01:01-56:01:04, 56:07, 56:17, 56:24, 56:26-56:29, 59:04			3			6										16													29			
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*54:11			3			6				10									19													
*54:14, 55:23			3			6				10																26					31	
*54:15-54:16, 55:27			3			6				10																						
*54:20			3							10																					31	
*55:01:01-55:01:06, 55:03, 55:05, 55:11, 55:15, 55:17, 55:25, 55:28-55:29, 55:31, 55:33, 55:38			3							10																						
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*55:09			3								11																				31	
*55:13, 59:03			3			6				10				14												26					31	
*55:20			3							10								18	19													
*55:21			3							10																					31	
*55:22			3			6					11																					
*55:24			3								11																					
*55:32			3			6				10																26					31	
*56:02, 56:04																16																
*56:05:01		2																				w	23						29			
*56:05:02		2																											29			
*56:06		2																				w	23						29			
*56:13			3													16		18											29			
*56:15			3			6																							29			
*56:19N			3			6																										
*56:20			3			6										16			19										29			
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
*56:21		2																											29			
*56:22			3			6								14												26			29		31	
*56:25			3													16													29			
*57:02:01-57:03:02, 57:05, 57:17, 58:28																																
*57:07																																
*57:09																																

***57:14, 58:09**					**5**																						**27**					
***57:24**																																
***59:02**			**3**			**6**				**10**									**19**													
***73:01**						**6**				**10**	**11**			**14**					**19**							**26**					**31**	
***78:01**	**1**	**2**																				**22**	**23**						**29**			
***78:02:01**	**1**	**2**																											**29**			
***78:02:02**	**1**	**2**																				**22**	**23**						**29**			
***78:03**		**2**															**17**					**22**	**23**						**29**			
***78:04**	**1**		**3**			**6**																							**29**			
***78:07**	**1**	**2**								**10**												**22**	**23**									
C*08:24																																
HLA-B allele[4]																																
Well No.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**

INTERPRETATION TABLE

HLA-B*51 SSP subtyping

Amplification patterns of the B*51:01 to B*51:95 alleles

Well[3]																																
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	
195	260	225	215	165	205	250	185	225	100	115	280	190	80	125	95	160	155	85	150	165	120	75	380	145	165	120	85	100	175	70	115	Length of spec.
				225				315	135	215	385				220			215		260		200		210		240	190	210	250	175	170	PCR product(s)
1070	1070	1070	1070	1070	1070	1070	1070	1070	800	800	800	1070	800	800	1070	1070	1070	800	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070	Length of int. pos. control[1]
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
																																HLA-B allele[2]
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							40																									*51:01:08, 51:01:15
							40									49							56									*51:01:09
							40																56									*51:02:01, 51:02:03-51:02:04
							40									49							56									*51:02:02
							40																56									*51:03
							40																56									*51:04
							40	41								49							56									*51:05
							40																56									*51:06
							40																56									*51:07:01
							40									49							56									*51:07:02
							40																56									*51:08
							40																56									*51:09:01
							40									49							56									*51:09:02
							40																56									*51:10
							40																56									*51:11N
							40																56									*51:12
							40																									*51:13:01-51:13:02
							40																									*51:14
							40									49																*51:15
							40																56									*51:16
							40																56									*51:17
							40																56									*51:18
							40																56									*51:19
							40							47									56									*51:20
							40																56									*51:21
							40																56									*51:22
							40																56									*51:23
							40																56									*51:24:01
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							40																56									*51:30
							40																56									*51:31
							40																56									*51:32
							40																56									*51:33
							40																56									*51:34
							40																56									*51:35
							40																56									*51:36
					38		40								48																	*51:37
							40																56									*51:38
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
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							40																56									*51:40

33							40																56									*51:41N
	34						40																									*51:42
			36				40																56									*51:43
				37			40																56									*51:44N
					38		40																									*51:45
						39	40																56									*51:46
							40	41															56									*51:48
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				37			40																56									*51:55
							40																56									*51:56
							40						46										56									*51:57
							40			43													56									*51:58
							40																56									*51:59
									42														56									*51:60
							40	41							48								56									*51:61
							40																									*51:62
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						39	40																56									*51:64
						39	40																56									*51:65
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							40												52				56									*51:69
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																							56									*51:73
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							40																56		58							*51:80
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							40	41															56									*51:82
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							40																56				60					*51:84, 51:94[10]
							40																					61				*51:85
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							40								48																	*51:90
							40																56							63		*51:91
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							40									49							56									*51:93
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.

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33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
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33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
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33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
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																49																*56:19N
																49																*56:20
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.
																49							56									*56:21
																49																*56:22
																49																*56:25
							40																56									*57:02:01-57:03:02, 57:05, 57:17, 58:28
	34						40																56									*57:07
		35					40																56									*57:09

					38		40																									*57:14, 58:09
		35					40																									*57:24
																49							56									*59:02
																																*73:01
														47																		*78:01
																49																*78:02:01
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														47																		*78:03
																49																*78:04
														47																		*78:07
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33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	Well No.