

Table S1 The detailed results of porosity and permeability in well AM1, in addition to core numbers and depth of each measurement sample.

Sample. No	Core. No	Depth (m)	Nature	porosity %	Permeability air (md)	Slip corrected: Air Permeability(md)
60H	C=4	2890.13	L . S . Grey .Col .vug	23.3	122	109
60V	C=4	2890.13	L . S . Grey .Col .vug	20.3	61	53
61H	C=4	2890.76	L . S . Grey .Col .vug	24.7	440	410
61V	C=4	2890.76	L . S . Grey .Col .vug	18.6	91	80
62H	C=4	2891.34	L . S . Grey .Col .	25.3	269	243
62V	C=4	2891.34	L . S . Grey .Col .vug	26.9	165	143
63H	C=4	2891.81	L . S . Grey .Col .	24.5	137	123
63V	C=4	2891.81	L . S . Grey .Col .	23.6	64	55
64H	C=4	2892.36	L . S . Grey .Col .	12.6	5.3	4.4
64V	C=4	2892.36	L . S . Grey .Col .Fra	13	4.9	3.7
65H	C=4	2892.82	L . S . Grey .Col .vug	22.9	93	83
65V	C=4	2892.82	L . S . Grey .Col .	23.6	143	128
66H	C=4	2893.21	L . S . Grey .Col .	6.2	0.77	0.04
66V	C=4	2893.21	L . S . Grey .Col .	5.5	0.036	0.02
67H	C=4	2893.87	L . S . Grey .Col .vug	22.2	392	362
67V	C=4	2893.87	L . S . Grey .Col .vug	26.8	621	591
68H	C=4	2894.31	L . S . Grey .Col .vug	13.8	3.2	2.3
69H	C=4	2894.76	L . S . Grey .Col .	13.5	1.7	1.2
69V	C=4	2894.76	L . S . Grey .Col .	12.9	1.2	0.83
70H	C=4	2895.33	L . S . Grey .Col .	11.7	0	0
70V	C=4	2895.33	L . S . Grey .Col .	9.5	1.4	1
71H	C=4	2895.73	L . S . Grey .Col .	13.3	0	0
71V	C=4	2895.73	L . S . Grey .Col .	9.9	0.39	0.25
72H	C=5	2904.33	L . S .Grey .Col .Vug	18	20	16
72V	C=5	2904.33	L . S .Grey .Col .Vug	13.1	6.4	4.8
73H	C=5	2905.83	L . S .Grey .Col .Fra.vug	15.5	44	37
73V	C=5	2905.83	L . S .Grey .Col .Fra.vug	14.5	0	0
74H	C=5	2905.22	L . S . Grey .vug .	14.3	8.9	6.9
74V	C=5	2905.22	L . S . Grey .vug .	16.1	32	27
75H	C=5	2909.86	L . S . Grey .vug .	17	8.8	6.8
75V	C=5	2909.86	L . S . Grey .vug .	15.3	47	40
76H	C=5	2910.77	L . S . Grey .vug .	13.6	1.5	1
76V	C=5	2910.77	L . S . Grey .vug .	19.6	10.4	8.1
77V	C=6	2920.66	L . S . Grey .Col .Comp	5.1	0.23	0.14
78H	C=6	2921.17	L . S . Grey .Col .	9.3	11.8	9.3
78V	C=6	2921.17	L . S . Grey .Col .	10.7	1.7	1.2
79H	C=6	2921.74	L . S . Grey .Col .Fra	7.6	1.8	1.3
79V	C=6	2921.74	L . S . Grey .Col .Fra	8	1.5	1
80H	C=6	2922.28	L . S . Grey .Col .Comp	5.6	0.02	1.01
81H	C=6	2922.8	L . S . Grey .Col .Fra	5.3	0.36	0.23
81V	C=6	2922.8	L . S . Grey .Col .vug	6.9	0.94	0.64

82H	C=6	2923.2	L . S . Grey .Col .	5.5	1.1	0.75
83H	C=6	2923.74	L . S . Grey .Col .	8	1.7	1.2
83V	C=6	2923.74	L . S . Grey .Col .	9.9	3.3	2.4
84H	C=6	2924.12	L . S . Grey .Col .vug	10.5	1.04	0.71
84V	C=6	2924.12	L . S . Grey .Col .vug	11.8	5.1	3.8
85H	C=6	2924.75	L . S . Grey .Col .vug	13.9	7.1	5.4
85V	C=6	2924.75	L . S . Grey .Col .vug	11.2	23	19
86H	C=6	2925.15	L . S . Grey .Col .vug	3.3	1.4	1
87H	C=6	2925.22	L . S . Darek Grey .Col .Comp	6.1	4	2.9
87V	C=6	2925.22	L . S . Darek Grey .Col .Comp	4.6	0.05	0.03
88V	C=6	2926.32	L . S . Darek Grey .Col .Comp	5.1	0.5	0.32
89H	C=6	2926.9	L . S . Darek Grey .Col .Comp	6.5	2.9	2.1
90H	C=7	2929.3	L . S . Darek Grey .Col .Comp	4.7	0.013	0.01
90V	C=7	2929.3	L . S . Darek Grey .Col .Comp	6.1	0.012	0.01
91H	C=7	2929.74	L . S . Grey .Col .Broken	14.8	0	0
91V	C=7	2929.74	L . S . Grey .Col .	19.6	1.6	1.1
92H	C=7	2930.28	L . S . Grey .Col .	11.6	0.35	0.22
92V	C=7	2930.28	L . S . Grey .Col .	7.3	0.33	0.25
93H	C=7	2930.77	L . S . Grey .Col .Fra	5.6	1.7	1.2
94H	C=7	2931.12	L . S . Grey .Col .Fra	9.1	0	0
95H	C=7	2931.68	L . S . Grey .Col .comp	4.4	0.045	0.02
96H	C=7	2932.14	L . S . Grey .Col .	12.5	1.6	1.1
96V	C=7	2932.14	L . S . Grey .Col .	7.3	0.97	0.66
97H	C=7	2932.75	L . S . Grey .Col .Fra	19.6	9.7	7.5
97V	C=7	2932.75	L . S . Grey .Col .Fra	23.1	12	10
98H	C=7	2933.34	L . S . Grey .Col .comp	4.2	0.012	0.01
98V	C=7	2933.34	L . S . Grey .Col .Fra	4.3	0.045	0.02
99H	C=7	2933.65	L . S . Grey .Col .	10.3	0.37	0.23
99V	C=7	2933.65	L . S . Grey .Col .	5.5	0.009	0
100H	C=7	2934.76	L . S . Grey .Col .	5.3	0.045	0.02
100V	C=7	2934.76	L . S . Grey .Col .Fra	5.6	0.28	0.17
101H	C=7	2935.13	L . S . Grey .Col .	15.9	7.5	5.7
101V	C=7	2935.13	L . S . Grey .Col .	17.3	2.5	1.8
102H	C=7	2935.8	L . S . Grey .Col .	5.1	0.023	0.01
103H	C=7	2936.29	L . S . Grey .Col .Fra	18.2	13	10
103V	C=7	2936.29	L . S . Grey .Col .	16.7	0.76	0.51
104H	C=7	2936.88	L . S . Grey .Col .	8.8	0.3	0.19
104V	C=7	2936.88	L . S . Grey .Col .	9	0.37	0.23
105H	C=7	2937.36	L . S . Grey .Col .	5.1	0.29	0.02
105V	C=7	2937.36	L . S . Grey .Col .	1.8	0.018	0.01
106H	C=7	2937.77	L . S . Grey .Col .	9.6	1.4	1
106V	C=7	2937.77	L . S . Grey .Col .	12.2	8.8	6.8
107H	C=7	2938.35	L . S . Grey .Col .	14.2	1.3	0.91
107V	C=7	2938.35	L . S . Grey .Col .	12.3	0.39	0.25
108H	C=7	2938.81	L . S . Grey .Col .	16.1	1.3	0.91
108V	C=7	2938.81	L . S . Grey .Col .	14.9	0.84	0.56
109H	C=7	2939.36	L . S . Grey .Col .Fra	6.1	0.205	0.13
109V	C=7	2939.36	L . S . Grey .Col .	6.2	0.41	0.02

110H	C=7	2939.82	L . S . Grey .Col .	15.7	0.55	0.36
110V	C=7	2939.82	L . S . Grey .Col .	17.5	2.2	1.6
111H	C=7	2940.75	L . S . Grey .Col .	2.8	0.003	0
112H	C=7	2941.31	L . S . Grey .Col .	5.9	0.013	0.01
112V	C=7	2941.31	L . S . Grey .Col .	7.3	0.003	0
113V	C=8	2945.23	L . S . Grey .Col .	8.8	0.141	0.08
114H	C=8	2945.71	L . S . Grey .Col .	15.9	3.5	2.5
114V	C=8	2945.71	L . S . Grey .Col .	12.6	0.06	0.03
115H	C=8	2946.3	L . S . Grey .Col .Fra	17	2.6	1.6
115V	C=8	2946.3	L . S . Grey .Col .	17.9	0.99	0.67
116H	C=8	2946.75	L . S . Grey .Col .	7.4	2.6	1.9
116V	C=8	2946.75	L . S . Grey .Col .	6.7	0.41	0.26
117H	C=8	2947.2	L . S . Grey .Col .Comp	4.1	0.009	0
117V	C=8	2947.2	L . S . Grey .Col .	20.1	0	0
118H	C=8	2947.79	L . S . Grey .Col .	12.7	4.3	3.2
118V	C=8	2947.79	L . S . Grey .Col .	14.4	1.9	1.3
119H	C=8	2948.21	L . S . Grey .Col .	14.4	0.5	0.32
120H	C=8	2948.76	L . S . Grey .Col .	14.7	2.9	2.1
120V	C=8	2948.76	L . S . Grey .Col .	14.6	1.3	0.91
121H	C=8	2949.3	L . S . Grey .Col .	4.8	0.44	0.28
121V	C=8	2949.3	L . S . Grey .Col .	6.6	0.68	0.45
122H	C=8	2949.83	L . S . Grey .Col . Comp	4.8	0.002	0
122V	C=8	2949.83	L . S . Grey .Col . Comp	5.3	0.001	0
123H	C=8	2950.18	L . S . Grey .Col .	4.6	0.014	0.01
123V	C=8	2950.18	L . S . Grey .Col .	7.3	0.029	0.02
124H	C=8	2950.85	L . S . Grey .Col .	9.7	1.6	1.1
124V	C=8	2950.85	L . S . Grey .Col .	12.5	1.6	1.1
125V	C=8	2951.3	L . S . Grey .Col .	23.1	7.2	5.5
126H	C=8	2951.82	L . S . Grey .Col .	6.9	0.56	0.36
126V	C=8	2951.82	L . S . Grey .Col .	9	0.16	0.1
127H	C=8	2952.76	L . S . Grey .Col .	18.2	2.3	1.6
127V	C=8	2952.76	L . S . Grey .Col .	16.8	2.2	1.6
128H	C=8	2953.17	L . S . Grey .Col .	11.7	0.022	0.01
129H	C=9	2956.19	L . S . Grey .Col . Vug	12.9	8.4	6.5
129V	C=9	2956.19	L . S . Grey .Col .	21.2	19	15
130H	C=9	2956.82	L . S . Grey .Col . Vug	19.5	22	18
130V	C=9	2956.82	L . S . Grey .Col .	21.1	1.6	1.1
131H	C=9	2957.05	L . S . Grey .Col . Comp	4.7	0.007	0
131V	C=9	2957.05	L . S . Grey .Col . Comp	3.5	0.003	0
132H	C=9	2957.82	L . S . Grey .Col .	28.5	35	29
132V	C=9	2957.82	L . S . Grey .Col .	29.6	35	29
133H	C=9	2958.15	L . S . Grey .Col .	19.3	3.1	2.2
133V	C=9	2958.15	L . S . Grey .Col .	21.8	1.08	0.73
134H	C=9	2958.68	L . S . Grey .Col .	13.1	1.4	1
134V	C=9	2958.68	L . S . Grey .Col .	12.4	0.74	0.49
135V	C=9	2959.27	L . S . Grey .Col .	23.6	5.3	4
136H	C=9	2959.9	L . S . Grey .Col .	23.6	5.2	3.9
136V	C=9	2959.9	L . S . Grey .Col .	21.4	3.1	2.2

137V	C=9	2960.15	L . S . Grey .Col .	7.2	0.21	0.13
138H	C=9	2960.76	L . S . Grey .Col .	7.7	0.74	0.49
139H	C=9	2961.22	L . S . .Grey .Col . Vug	26.7	94	83
139V	C=9	2961.22	L . S . .Grey .Col . Vug	27.4	109	97
140H	C=9	2961.81	L . S . .Grey .Col . Vug	17.1	2	1.4
140V	C=9	2961.81	L . S . .Grey .Col .	17.3	2.7	1.9
141H	C=9	2962.39	L . S . .Grey .Col . Vug	24.6	36	30
141V	C=9	2962.39	L . S . .Grey .Col .	29.2	5.7	4.3
142H	C=10	2965.21	L . S . .Grey .Col .	18.2	1.2	0.83
142V	C=10	2965.21	L . S . .Grey .Col .	15.7	4.4	3.3
143H	C=10	2966.78	L . S . Light .Grey .Col . Vug	20.9	61	53
143V	C=10	2966.78	L . S . Light .Grey .Col . Vug	24	64	55
144H	C=10	2967.72	L . S . Light .Grey .Col . Fra	19.6	6.9	5.2
144V	C=10	2967.72	L . S . Light .Grey .Col . Vug	19.1	3	2.2
145H	C=10	2968.25	L . S . Light .Grey .Col . Vug	16.3	11.4	8.9
145V	C=10	2968.25	L . S . Light .Grey .Col . Vug	19	8.5	6.5
146H	C=10	2968.67	L . S . Grey .Col . Vug	16.2	5.6	4.2
146V	C=10	2968.67	L . S . Grey .Col . Vug	17.6	8.2	6.3
147H	C=10	2969.28	L . S . Grey .Col . Vug	15.6	10.4	8.1
147V	C=10	2969.28	L . S . Grey .Col . Vug	13.5	5.8	4.4
148H	C=10	2969.8	L . S . Grey .Col . Vug	12.5	1.7	1.2
148V	C=10	2969.8	L . S . Grey .Col . Vug	13.9	15	12
149H	C=10	2970.16	L . S . Grey .Col .	24.6	33	28
149V	C=10	2970.16	L . S . Grey .Col .	18.8	45	38
150H	C=10	2970.79	L . S . Grey .Col .	28.5	93	82
150V	C=10	2970.79	L . S . Grey .Col .	22.4	34	28
151H	C=10	2971.2	L . S . Grey .Col .	19.4	25	21
151V	C=10	2971.2	L . S . Grey .Col .	22.1	123	110
152H	C=10	2971.82	L . S . Grey .Col .	23.6	40	34
152V	C=10	2971.82	L . S . Grey .Col .	24.4	25	21
153H	C=10	2972.23	L . S . Grey .Col .	17.9	14	11
153V	C=10	2972.23	L . S . Grey .Col .	23.4	120	107
154H	C=10	2972.67	L . S .Light. Grey .Col .	23.8	189	169
154V	C=10	2972.67	L . S .Light. Grey .Col .	23.5	154	139
155H	C=10	2973.25	L . S .Light. Grey .Col . Vug	14.2	7	5.3
155V	C=10	2973.25	L . S .Light. Grey .Col . Vug	14.3	2.8	2
156H	C=10	2973.63	L . S . Grey .Col . Vug	13.5	6.1	4.6
156V	C=10	2973.63	L . S .Light. Grey .Col . Vug	8.6	0.178	0.11
157H	C=10	2974.1	L . S .Light. Grey .Col .	23	60	52
157V	C=10	2974.1	L . S .Light. Grey .Col .	22.6	28	23
158H	C=10	2974.78	L . S .Light. Grey .Col .	15.3	3	2.2
159H	C=10	2975.35	L . S .Light. Grey .Col .	24.1	37	31
159V	C=10	2975.35	L . S .Light. Grey .Col .	22	19	15
160H	C=10	2975.85	L . S .Light. Grey .Col .	28.6	15	12
160V	C=10	2975.85	L . S .Light. Grey .Col .	29.3	73	63
161H	C=11	2976.67	L . S .Light. Grey .Col .	23.8	93	82
161V	C=11	2976.67	L . S .Light. Grey .Col .	24.3	104	93
162H	C=11	2977.03	L . S .Light. Grey .Col . Vug	16.9	61	53

162V	C=11	2977.03	L . S .Light. Grey .Col . Vug	19.5	12	10
163H	C=11	2977.58	L . S .Light. Grey .Col .	15.1	10.3	8
163V	C=11	2977.58	L . S .Light. Grey .Col .	21.3	31	26
164H	C=11	2978.15	L . S .Light. Grey .Col . Vug	21.5	38	32
164V	C=11	2978.15	L . S .Light. Grey .Col . Vug	23.9	49	42
165H	C=11	2978.81	L . S .Light. Grey .Col .	24.6	43	36
165V	C=11	2978.81	L . S .Light. Grey .Col . Vug	25.2	38	32
166H	C=11	2979.72	L . S .Light. Grey .Col . Vug	27.5	67	58
166V	C=11	2979.72	L . S .Light. Grey .Col . Fra	25.1	36	30
168H	C=11	2980.29	L . S .Light. Grey .Col .	24.7	30	25
168V	C=11	2980.29	L . S .Light. Grey .Col .	26.1	31	26
169H	C=11	2980.81	L . S .Light. Grey .Col .	25	31	26
169V	C=11	2980.81	L . S .Light. Grey .Col .	25.1	9.8	7.6
170H	C=11	2981.15	L . S .Light. Grey .Col . Vug	24	32	27
170V	C=11	2981.15	L . S .Light. Grey .Col . Vug	25.3	27	22
171H	C=11	2981.66	L . S .Light. Grey .Col .	27.3	45	38
171V	C=11	2981.66	L . S .Light. Grey .Col .	27.7	30	25
172H	C=11	2982.2	L . S .Light. Grey .Col . Vug	16	2.1	1.5
172V	C=11	2982.2	L . S .Light. Grey .Col . Vug	20.6	14	11
173H	C=11	2982.72	L . S .Light. Grey .Col .	24.2	15	12
173V	C=11	2982.72	L . S .Light. Grey .Col . Vug	27	50	43
174H	C=11	2983.16	L . S .Light. Grey .Col . Vug	26	29	24
174V	C=11	2983.16	L . S .Light. Grey .Col . Vug	25	24	20
175H	C=11	2984.79	L . S .Light. Grey .Col . Vug	21.5	19	15
175V	C=11	2984.79	L . S .Light. Grey .Col . Vug	21.5	21	17
176H	C=11	2984.84	L . S .Light. Grey .Col . Vug	17.1	3.2	2.3
176V	C=11	2984.84	L . S .Light. Grey .Col .	21.2	7	5.3
177H	C=11	2985.32	L . S .Light. Grey .Col . Vug	20.1	3.2	2.3
177V	C=11	2985.32	L . S .Light. Grey .Col . Vug	22.6	2.4	1.7
178H	C=11	2985.87	L . S .Light. Grey .Col .	23.4	15	12
178V	C=11	2985.87	L . S .Light. Grey .Col .	22.8	11.1	8.7
179H	C=11	2986.15	L . S .Light. Grey .Col .	24.3	14	11
179V	C=11	2986.15	L . S .Light. Grey .Col .	17.1	1.4	1
180H	C=11	2987.11	L . S .Light. Grey .Col . Vug	26.1	31	26
180V	C=11	2987.11	L . S .Light. Grey .Col .	28.6	28	23
181H	C=11	2986.81	L . S .Light. Grey .Col .	23.6	19	15
181V	C=11	2986.81	L . S .Light. Grey .Col .	26.1	23	19
182H	C=11	2987.77	L . S .Light. Grey .Col . Vug	21.8	2.7	1.9
182V	C=11	2987.77	L . S .Light. Grey .Col .	25	14	11
183H	C=11	2988.24	L . S .Light. Grey .Col .	21.8	8.5	6.5
183V	C=11	2988.24	L . S .Light. Grey .Col .	19.2	1.4	1
184H	C=11	2988.83	L . S .Light. Grey .Col .	23.1	13	10
184V	C=11	2988.83	L . S .Light. Grey .Col .	21.9	4.5	3.3
185H	C=11	2989.36	L . S .Light. Grey .Col . Vug	26.3	29	24
185V	C=11	2989.36	L . S .Light. Grey .Col . Vug	23.4	22	24
186H	C=11	2989.75	L . S .Light. Grey .Col . Vug	24.9	34	28
186V	C=11	2989.75	L . S .Light. Grey .Col . Vug	27.2	32	27
187H	C=11	2990.15	L . S .Light. Grey .Col .	14.5	0.26	0.16

187V	C=11	2990.15	L . S .Light. Grey .Col . Vug	14.5	0.184	0.11
188H	C=11	2990.87	L . S .Light. Grey .Col .	23.5	1.04	0.71
188V	C=11	2990.87	L . S .Light. Grey .Col .	14.9	0.65	0.43
189H	C=11	2991.19	L . S .Light. Grey .Col . Vug	21.8	22	18
189V	C=11	2991.19	L . S .Light. Grey .Col .	21.6	5.1	3.8
190H	C=11	2991.72	L . S .Light. Grey .Col .	21.4	18	15
190V	C=11	2991.72	L . S .Light. Grey .Col .	20.6	13	10
191H	C=11	2992.07	L . S .Light. Grey .Col .	21.5	18	15
191V	C=11	2992.07	L . S .Light. Grey .Col .	22.2	17	14
192H	C=11	2992.88	L . S .Light. Grey .Col .	22.1	20	16
192V	C=11	2992.88	L . S .Light. Grey .Col .	20.7	15	12
193H	C=11	2993.22	L . S .Light. Grey .Col .	19.9	10.9	8.5
193V	C=11	2993.22	L . S .Light. Grey .Col .	21.7	16	13
194H	C=11	2993.78	L . S .Light. Grey .Col .	21.7	18	15
194V	C=11	2993.78	L . S .Light. Grey .Col .	22.2	10.4	8.1
195H	C=11	2994.11	L . S .Light. Grey .Col .	19.7	9.8	7.6
195V	C=11	2994.11	L . S .Light. Grey .Col .	20.7	10.7	8.4
196H	C=12	2994.95	L . S .Light. Grey .Col .	21.1	6.7	5.1
196V	C=12	2994.95	L . S .Light. Grey .Col .	17.8	2.9	2.1
197H	C=12	2995.17	L . S .Light. Grey .Col .	15.7	3.7	2.7
197V	C=12	2995.17	L . S .Light. Grey .Col .	15.9	1.8	1.3
198H	C=12	2995.88	L . S .Light. Grey .Col .	14.2	1.2	0.83
198V	C=12	2995.88	L . S .Light. Grey .Col .	17.4	4	2.9
199H	C=12	2996.34	L . S .Light. Grey .Col .	13.2	4	2.9
199V	C=12	2996.34	L . S .Light. Grey .Col .	16.3	2.7	1.9
200H	C=12	2996.72	L . S .Light. Grey .Col .	11.8	1.7	1.2
200V	C=12	2996.72	L . S .Light. Grey .Col .	16.5	2.2	1.6
201H	C=12	2997.13	L . S .Light. Grey .Col .	16.8	4.1	3
201V	C=12	2997.13	L . S .Light. Grey .Col .	17.3	3.5	2.5
202H	C=12	2997.82	L . S .Grey .Col .	16.3	4	2.9
202V	C=12	2997.82	L . S .Grey .Col .	15	3	2.2
203H	C=12	2998.24	L . S .Grey .Col .	16.6	4	2.9
203V	C=12	2998.24	L . S .Grey .Col .	17.7	11.9	9.3
204H	C=12	2998.74	L . S .Grey .Col .	15.8	4.6	3.4
204V	C=12	2998.74	L . S .Grey .Col .	15.5	5	3.7
205H	C=12	2999.11	L . S .Grey .Col .	16.4	4.1	3
205V	C=12	2999.11	L . S .Grey .Col .	15.9	6	4.5
206H	C=12	2999.82	L . S .Grey .Col .	13	2.7	1.9
206V	C=12	2999.82	L . S .Grey .Col .	14	2.7	1.9
207H	C=12	3000.19	L . S .Grey .Col .	14.2	5.1	3.8
207V	C=12	3000.19	L . S .Grey .Col .	13.5	4.1	3
208H	C=12	3000.83	L . S .Grey .Col .	13.6	4.5	3.3
208V	C=12	3000.83	L . S .Grey .Col .	13.9	3.4	2.5
209H	C=12	3001.2	L . S .Grey .Col .	12.6	1.9	1.3
209V	C=12	3001.2	L . S .Grey .Col .	14	2.6	1.9
210H	C=12	3001.73	L . S .Grey .Col .	11.8	1.02	0.63
210V	C=12	3001.73	L . S .Grey .Col .	10	0.66	0.44
211H	C=12	3002.09	L . S .Grey .Col .	11.3	0.66	0.44

211V	C=12	3002.09	L . S .Grey .Col .	10.5	0.3	0.19
212H	C=12	3002.77	L . S .Grey .Col .	15.2	2.6	1.9
212V	C=12	3002.77	L . S .Grey .Col .	17	2.9	2.1
213H	C=12	3003.17	L . S .Grey .Col .	15.5	4.1	3
213V	C=12	3003.17	L . S .Grey .Col .	16.8	3.9	2.9
214H	C=12	3003.74	L . S .Grey .Col .	13.2	0.57	0.37
214V	C=12	3003.74	L . S .Grey .Col .	13.4	0.46	0.29
215H	C=12	3004.16	L . S .Grey .Col . Comp	8.8	0.014	0.01
215V	C=12	3004.16	L . S .Grey .Col . Comp	9.4	0.016	0.01
216H	C=12	3004.67	L . S .Grey .Col . Comp	7.6	0.002	0
216V	C=12	3004.67	L . S .Grey .Col . Comp	6.7	0.002	0
217H	C=12	3005.12	L . S .Grey .Col .	11.1	0.203	0.12
217V	C=12	3005.12	L . S .Grey .Col .	13.5	0.46	0.29
218H	C=12	3005.89	L . S .Grey .Col .	14	1.01	0.63
218V	C=12	3005.89	L . S .Grey .Col .	11.8	0.35	0.22
219H	C=12	3006.22	L . S .Grey .Col . Comp	5.9	0.003	0
219V	C=12	3006.22	L . S .Grey .Col . Comp	6.7	0.004	0
220H	C=12	3006.24	L . S .darck .Grey .Col . Comp	5.6	0.007	0
220V	C=12	3006.24	L . S .darck .Grey .Col . Comp	4.7	0.004	0
221H	C=12	3007.16	L . S .darck .Grey .Col . Comp	5.3	0.012	0.01
221V	C=12	3007.16	L . S .darck .Grey .Col . Comp	6.9	0.014	0.01
222H	C=12	3007.77	L . S .darck .Grey .Col . Comp	6.1	0.1	0.01
222V	C=12	3007.77	L . S .darck .Grey .Col . Comp	6.7	0.009	0
223H	C=12	3008.11	L . S .darck .Grey .Col . Comp	2.6	0.004	0
223V	C=12	3008.11	L . S .darck .Grey .Col . Comp	4.6	0.002	0
224H	C=12	3008.69	L . S .darck .Grey .Col . Comp	4.1	0.005	0
224V	C=12	3008.69	L . S .darck .Grey .Col . Comp	2.8	0.004	0
225H	C=12	3009.23	L . S .darck .Grey .Col . Comp	2.9	0.004	0
225V	C=12	3009.23	L . S .darck .Grey .Col . Comp	5.3	0.003	0
226H	C=12	3009.82	L . S . Grey .Col . Comp	3	0.002	0
226V	C=12	3009.82	L . S . Grey .Col . Comp	2.1	0.002	0
227H	C=12	3010.24	L . S . Grey .Col . Comp	5.4	0.001	0
227V	C=12	3010.24	L . S . Grey .Col . Comp	6.1	0.002	0
228V	C=12	3012.12	L . S . Grey .Col . Comp	2.8	0.009	0
229H	C=13	3030.23	L . S . Grey .Col . Fra	15.9	28	23
229V	C=13	3030.23	L . S . Grey .Col . Fra	17.6	41	35
230H	C=13	3030.72	L . S . Grey .Col . Fra	21.1	10.1	7.9
230V	C=13	3030.72	L . S . Grey .Col . Fra	19.6	2.5	1.8
231H	C=13	3031.4	L . S . Grey .Col . Fra	11.2	1.3	0.91
231V	C=13	3031.4	L . S . Grey .Col . Fra	16.9	1.06	0.72
232H	C=13	3031.83	L . S . Grey .Col . Fra	17.5	6.1	4.6
232V	C=13	3031.83	L . S . Grey .Col . Fra	13.5	2.2	1.6
233H	C=13	3032.25	L . S . Grey .Col . Fra	10.8	13	10
234H	C=13	3032.69	L . S . Grey .Col .	9.4	0.3	0.19
234V	C=13	3032.69	L . S . Grey .Col .	14.8	11.6	9.1
235V	C=13	3033.31	L . S . Grey .Col .	16	3.1	2.2
236H	C=13	3033.78	L . S . Grey .Col . Fra	18.7	10.3	8
236V	C=13	3033.78	L . S . Grey .Col . Fra	15.3	6	4.5

237H	C=13	3034.15	L . S . Grey .Col . Fra	17.5	2.9	2.1
237V	C=13	3034.15	L . S . Grey .Col . Fra	17.2	35	29
238H	C=13	3034.86	L . S . Grey .Col .	12.3	5.3	4
238V	C=13	3034.86	L . S . Grey .Col .	13.8	4.9	3.7
239H	C=13	3035.14	L . S . Grey .Col .	10.9	0.155	0.09
239V	C=13	3035.14	L . S . Grey .Col .	12.3	0.191	0.12
240H	C=13	3035.59	L . S . Grey .Col .	16.5	5.3	4
240V	C=13	3035.59	L . S . Grey .Col .	12	0.93	0.63
241H	C=13	3036.28	L . S . Darck .Grey .Col .	10.8	0.91	0.61
242H	C=13	3036.89	L . S . Darck .Grey .Col .	11	0.24	0.15
242V	C=13	3036.89	L . S . Darck .Grey .Col .	7	0.34	0.02
243H	C=13	3037.13	L . S . .Grey .Col .	10.3	0.27	0.17
243V	C=13	3037.13	L . S . .Grey .Col .	10.7	0.23	0.14
244H	C=13	3037.68	L . S . .Grey .Col .	10	0.84	0.56
245H	C=13	3038.31	L . S . .Grey .Col .	7.4	0.023	0.01
245V	C=13	3038.31	L . S . .Grey .Col .	7.6	0.0159	0.01
246H	C=13	3039.75	L . S . .Grey .Col .	9	0.018	0.01
246V	C=13	3039.75	L . S . .Grey .Col .	7.5	0.13	0.01
247H	C=13	3039.2	L . S . .Grey .Col . Comp	4.6	0.005	0
247V	C=13	3039.2	L . S . .Grey .Col . Comp	5.4	0.007	0
248H	C=13	3039.83	L . S . .Grey .Col . Comp	5.9	0.034	0.02
248V	C=13	3039.83	L . S . .Grey .Col . Comp	6.9	0.116	0.07
249H	C=13	3040.13	L . S . .Grey .Col . Comp	4.5	0.004	0
249V	C=13	3040.13	L . S . .Grey .Col . Comp	5.6	0.005	0
250H	C=13	3041.1	L . S . .Grey .Col . Comp	4	0.045	0.02
250V	C=13	3041.1	L . S . .Grey .Col . Comp	4.6	0.018	0.01
251V	C=13	3011.71	L . S . .Grey .Col . Comp	7.1	0.098	0.06
252H	C=13	3042.05	L . S . .Grey .Col . Comp	8.2	0.017	0.01
252V	C=13	3042.05	L . S . .Grey .Col . Comp	5.7	0.01	0.01
253H	C=13	3042.8	L . S . .Grey .Col .	6.5	0.138	0.08
253V	C=13	3042.8	L . S . .Grey .Col .	7.1	0.024	0.01
254H	C=13	3043.24	L . S . .Grey .Col .	8.8	0.13	0.08
254V	C=13	3043.24	L . S . .Grey .Col .	9.8	0.129	0.08
255H	C=13	3043.7	L . S . .Grey .Col .	9.2	0.067	0.04
255V	C=13	3043.7	L . S . .Grey .Col .	7.7	0.038	0.02
256H	C=13	3044.14	L . S . .Grey .Col .	5.6	0.042	0.02
256V	C=13	3044.14	L . S . .Grey .Col .	6.6	0.024	0.01
257H	C=13	3044.72	L . S . .Grey .Col .	18.8	9.6	7.1
257V	C=13	3044.72	L . S . .Grey .Col .	7	0.31	0.019
258H	C=13	3045.22	L . S . .Grey .Col .	11.3	0.77	0.52
258V	C=13	3045.22	L . S . .Grey .Col .	8.3	0.175	0.11
259H	C=13	3045.74	L . S . .Grey .Col .	7.5	0.71	0.1
259V	C=13	3045.74	L . S . .Grey .Col .	16.6	1.4	1
260H	C=13	3046.09	L . S . .Grey .Col .	6.9	0.23	0.14
260V	C=13	3046.09	L . S . .Grey .Col .	8.2	0.11	0.06
261H	C=13	3046.81	L . S . .Grey .Col . Vug	13.5	2.5	1.8
261V	C=13	3046.81	L . S . .Grey .Col . Vug	15.3	3.7	2.7
262H	C=13	3047.15	L . S . .Grey .Col . Vug	14.1	4.9	3.7

262V	C=13	3047.15	L . S . .Grey .Col . Vug	16.9	6.1	4.6
263H	C=13	3052.22	L . S . .Grey .Col . Vug	17.3	11.3	8.8
263V	C=13	3052.22	L . S . .Grey .Col . Vug	19.2	20	26
264H	C=13	3052.78	L . S . .Grey .Col .	17.8	11	8.6
264V	C=13	3052.78	L . S . .Grey .Col .	19.3	8.1	6.2
265H	C=13	3053.28	L . S . .Grey .Col . Vug	19.5	15	12
265V	C=13	3053.28	L . S . .Grey .Col . Vug	18.3	10.1	7.6
266H	C=13	3053.74	L . S . .Grey .Col . Vug	23.9	27	22
266V	C=13	3053.74	L . S . .Grey .Col . Vug	24.9	24	20
267H	C=14	3054.24	L . S . .Grey .Col . Vug	22	25	21
267V	C=14	3054.24	L . S . .Grey .Col . Vug	18.7	1.9	1.3
268H	C=14	3054.68	L . S . .Grey .Col .	21.5	14	11
268V	C=14	3054.68	L . S . .Grey .Col .	22.5	10.9	8.5
269H	C=14	3055.19	L . S . .Grey .Col .	15.6	13	10
269V	C=14	3055.19	L . S . .Grey .Col .	15.6	3.2	2.3
270H	C=14	3055.68	L . S . .Grey .Col .	7.7	0.55	0.35
270V	C=14	3055.68	L . S . .Grey .Col .	7.6	0.097	0.66
271H	C=14	3056.32	L . S . Light .Grey .Col .	23.2	14	11
271V	C=14	3056.32	L . S . Light .Grey .Col .	23.6	13	10
272H	C=14	3056.84	L . S . Light .Grey .Col . Vug	26.5	28	23
272V	C=14	3056.84	L . S . Light .Grey .Col . Vug	23.9	12	10
273H	C=14	3057.26	L . S . Light .Grey .Col . Vug	26.9	35	29
273V	C=14	3057.26	L . S . Light .Grey .Col . Vug	25.1	15	12
274H	C=14	3057.79	L . S . .Grey .Col .	26.7	43	36
274V	C=14	3057.79	L . S . .Grey .Col .	22.6	9.2	7.1
275H	C=14	3058.14	L . S . Light .Grey .Col .	24	12	10
275V	C=14	3058.14	L . S . Light .Grey .Col .	22.8	4.3	3.2
276H	C=14	3058.7	L . S . Light .Grey .Col .	24.9	15	12
276V	C=14	3058.7	L . S . Light .Grey .Col .	25.1	15	12
277H	C=14	3059.12	L . S . Light .Grey .Col .	21.7	6.5	4.9
277V	C=14	3059.12	L . S . Light .Grey .Col .	20.2	3.1	2.2
278H	C=14	3059.77	L . S . Light .Grey .Col .	23.9	4.6	3.4
278V	C=14	3059.77	L . S . Light .Grey .Col .	24.7	8.5	6.5
279H	C=14	3060.2	L . S . Light .Grey .Col . Vug	25.7	12	10
279V	C=14	3060.2	L . S . Light .Grey .Col . Vug	23.6	10.4	8.1
280H	C=14	3063.14	L . S . Light .Grey .Col . Vug	24.1	22	18
280V	C=14	3063.14	L . S . Light .Grey .Col . Vug	26.3	17	14
281H	C=14	3063.91	L . S . Light .Grey .Col .	25.6	8.5	6.5
281V	C=14	3063.91	L . S . Light .Grey .Col .	24.6	10.6	8.3
282H	C=14	3064.27	L . S . Light .Grey .Col .	26.1	9.8	7.6
282V	C=14	3064.27	L . S . Light .Grey .Col .	27.5	14	11
283H	C=14	3064.72	L . S . Light .Grey .Col . Vug	26.9	41	35
283V	C=14	3064.72	L . S . Light .Grey .Col . Vug	24.6	33	28
284H	C=14	3065.15	L . S .Grey .Col . Vug	23.2	29	24
284V	C=14	3065.15	L . S .Grey .Col . Vug	21.3	16	13
285H	C=14	3065.82	L . S .Grey .Col . Vug	23.6	14	11
286H	C=14	3066.04	L . S .Grey .Col . Vug	27.2	44	37
286V	C=14	3066.04	L . S .Grey .Col . Vug	23.8	194	174

287H	C=14	3066.72	L . S . Grey . Col . Vug	24.5	37	31
287V	C=14	3066.72	L . S . Grey . Col . Vug	24.7	356	326
288H	C=14	3067.16	L . S . Grey . Col .	24.1	12	10
288V	C=14	3067.16	L . S . Grey . Col .	25.6	32	27
289H	C=14	3067.68	L . S . Grey . Col .	22.9	24	20
289V	C=14	3067.68	L . S . Grey . Col .	25.2	22	18

Table S2 The detailed results of porosity and permeability in well AM3, in addition to core numbers and depth of each measurement sample.

Khasib Formation						
Sample No	Core No	Depth (m)	Nature	Porosity %	Permeability air (md)	Slip corrected: Air Permeability (md)
1H	C=1	2852.14	L . S . Grey . Col	15	0.26	0.16
1V	C=1	2852.14	L . S . Grey . Col	15.9	0.128	0.07
2H	C=1	2852.58	L . S . Grey . Col	22.8	2.3	1.6
2V	C=1	2852.58	L . S . Grey . Col	22.5	1.6	1.1
3H	C=1	2853.04	L . S . Grey . Col	18.6	0.9	0.6
3V	C=1	2853.04	L . S . Grey . Col	16.7	0.175	0.11
4H	C=1	2853.78	L . S . Grey . Col	16.5	1.3	0.91
4V	C=1	2853.78	L . S . Grey . Col	17.9	0.12	0.1
5H	C=1	2854.13	L . S . Grey . Col	19.7	0.88	0.59
5V	C=1	2854.13	L . S . Grey . Col	17.9	0.221	0.13
6H	C=1	2854.69	L . S . Grey . Col	17.3	0.219	0.13
6V	C=1	2854.69	L . S . Grey . Col	16.7	0.27	0.17
7H	C=1	2855.08	L . S . Grey . Col	20.1	0.5	0.32
7V	C=1	2855.08	L . S . Grey . Col	20.4	0.26	0.16
8H	C=1	2855.8	L . S . Grey . Col	20	0.67	0.44
8V	C=1	2855.8	L . S . Grey . Col	18	0.154	0.9
9H	C=1	2856.22	L . S . Grey . Col	21.1	0.73	0.48
9V	C=1	2856.22	L . S . Grey . Col	20.4	0.23	0.14
10H	C=1	2856.86	L . S . Grey . Col	16.5	0.03	0.02
10V	C=1	2856.86	L . S . Grey . Col	17.4	0.016	0.01
11H	C=1	2857.21	L . S . Grey . Col	15.2	0.03	0.02
11V	C=1	2857.21	L . S . Grey . Col	17.3	0.014	0.01
12H	C=1	2857.72	L . S . Grey . Col	14.1	0.025	0.01
12V	C=1	2857.72	L . S . Grey . Col	13.4	0.014	0.02
13H	C=1	2858.15	L . S . Grey . Col	13.2	0.034	0.01
13V	C=1	2858.15	L . S . Grey . Col	14	0.016	0.01
14H	C=1	2858.8	L . S . Grey . Col	11.1	0.027	0

14V	C=1	2858.8	L . S . Grey .Col	10	0.002	0
15H	C=1	2859.25	L . S . Grey .Col	14.6	0.009	0
15V	C=1	2859.25	L . S . Grey .Col	13.3	0.004	0
16H	C=1	2859.69	L . S . Grey .Col	11.9	0.007	0
16V	C=1	2859.69	L . S . Grey .Col	11.3	0.007	0
17H	C=1	2860.14	L . S . Grey .Col	15.8	0.02	0.01
17V	C=1	2860.14	L . S . Grey .Col	13.4	0.009	0
18H	C=1	2860.9	L . S . Grey .Col	12.6	1	0.68
18V	C=1	2860.9	L . S . Grey .Col	14	0.004	0
19H	C=1	2861.14	L . S . Grey .Col	12.1	0.038	0.02
19V	C=1	2861.14	L . S . Grey .Col	11.9	0.179	0.11
20H	C=1	2861.92	L . S . Grey .Col	8.8	0.027	0.01
20V	C=1	2861.92	L . S . Grey .Col	15.6	0.029	0.02
21H	C=1	2862.22	L . S . Grey .Col	16.9	0.115	0.07
21V	C=1	2862.22	L . S . Grey .Col	16.3	0.018	0.01
22H	C=1	2862.69	L . S . Grey .Col	15.4	0.027	0.01
22V	C=1	2862.69	L . S . Grey .Col	14.6	0.014	0.01
23H	C=1	2863.21	L . S . Grey .Col	11.2	0.4	0.26
23V	C=1	2863.21	L . S . Grey .Col	15.1	0.112	0.07
24H	C=1	2863.7	L . S . Grey .Col	13	0.44	0.28
24V	C=1	2863.7	L . S . Grey .Col	19.7	0.55	0.36
25H	C=1	2864.38	L . S . Grey .Col	21	0.188	0.11
25V	C=1	2864.38	L . S . Grey .Col	19.7	0.047	0.03
26H	C=1	2864.82	L . S . Grey .Col	9.9	0.049	0.03
26V	C=1	2864.82	L . S . Grey .Col	8.9	0.048	0.03
27H	C=1	2865.26	L . S . Grey .Col	15.1	0.116	0.07
27V	C=1	2865.26	L . S . Grey .Col	12.8	0.029	0.02
28H	C=1	2866.22	L . S . Grey .Col	16.4	0.029	0.02
28V	C=1	2866.22	L . S . Grey .Col	16	0.118	0.07
29H	C=1	2866.66	L . S . Grey .Col	17.3	0.034	0.02
29V	C=1	2866.66	L . S . Grey .Col	19	3.5	2.5
30H	C=1	2867.08	L . S . Grey .Col	17.1	0.049	0.03
30V	C=1	2867.08	L . S . Grey .Col	11.6	0.02	0.01
31H	C=1	2899.17	L . S . Grey .Col .Comp	2.2	0.009	0
31V	C=1	2899.17	L . S . Grey .Col .Comp	3	0.009	0
32H	C=1	2899.77	L . S . Grey .Col	12.9	0.41	0.26
32V	C=1	2899.77	L . S . Grey .Col	19	2.5	1.8
33H	C=2	2900.27	L . S . Grey .Col	19	3.4	2.5
33V	C=2	2900.27	L . S . Grey .Col	19.4	4.7	3.5
34H	C=2	2900.73	L . S . Grey .Col	14.2	1.07	0.73
34V	C=2	2900.73	L . S . Grey .Col	14.6	0.174	0.1

35H	C=2	2901.15	L . S . Grey .Col	9.1	0.5	0.32
35V	C=2	2901.15	L . S . Grey .Col	7.9	0.02	0.01
36H	C=2	2901.8	L . S . Grey .Col .Comp	2.9	0.007	0
36V	C=2	2901.8	L . S . Grey .Col .Comp	2.4	0.003	0
37V	C=2	2902.31	L . S . Grey .Col	20.4	2.9	2.1
37H	C=2	2902.31	L . S . Grey .Col	18.5	0.85	0.57
38H	C=2	2902.82	L . S . Grey .Col	12.8	1.7	1.2
38V	C=2	2902.82	L . S . Grey .Col	17.1	1.5	1
39H	C=2	2903.11	L . S . Grey .Col	14.9	0.47	0.3
39V	C=2	2903.11	L . S . Grey .Col	13.5	0.38	0.02
40H	C=2	2903.63	L . S . Grey .Col	13.6	0.42	0.27
40V	C=2	2903.63	L . S . Grey .Col	16.8	0.21	0.13
41H	C=2	2904.3	L . S . Grey .Col	19.4	3.1	2.2
41V	C=2	2904.3	L . S . Grey .Col	20.2	3.2	2.3
42H	C=2	2904.88	L . S . Grey .Col	20.6	1	0.68
42V	C=2	2904.88	L . S . Grey .Col	17.7	0.4	0.26
43H	C=2	2905.24	L . S . Grey .Col . Vug	21.7	2.8	2
44H	C=2	2905.77	L . S . Grey .Col	23.8	1.5	1
44V	C=2	2905.77	L . S . Grey .Col	23.2	1.4	1
45H	C=2	2906.33	L . S . Grey .Col	22.8	3.4	2.5
45V	C=2	2906.33	L . S . Grey .Col	22.7	1.4	1
46H	C=2	2906.66	L . S . Grey .Col	21.8	2.8	2
46V	C=2	2906.66	L . S . Grey .Col	22.5	1.2	0.83
47H	C=2	2907.2	L . S . Grey .Col	8.32	1.6	1.1
47V	C=2	2907.2	L . S . Grey .Col	22.6	3.3	2.4
48H	C=2	2907.73	L . S . Grey .Col	19.6	0.92	0.62
48V	C=2	2907.73	L . S . Grey .Col	20.6	0.99	0.67
49H	C=2	2908.18	L . S . Grey .Col	14.7	0.519	0.34
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58H	C=3	2920.11	L . S . Grey .Col .	9.7	3.6	2.6
58V	C=3	2920.11	L . S . Grey .Col .	9	1.2	0.83
59H	C=3	2922.38	L . S . Grey .Col . Vug	9.3	1.5	1
59V	C=3	2922.38	L . S . Grey .Col . Vug	9.2	2	1.4
60H	C=3	2923.17	L . S . Grey .Col . Vug	1.4	0.46	0.29
60V	C=3	2923.17	L . S . Grey .Col . Vug	2.8	0.168	0.1
61H	C=3	2924.22	L . S . Grey .Col .	2.7	0.219	0.13
61V	C=3	2924.22	L . S . Grey .Col .	3.4	0.052	0.03
62H	C=3	2924.7	L . S . Grey .Col .	4.8	0.55	0.35
62V	C=3	2924.7	L . S . Grey .Col .	9	0.61	0.4
63H	C=3	2925.13	L . S . Grey .Col . Vug	2.7	0.49	0.32

63V	C=3	2925.13	L . S . Grey .Col . Vug	1.3	0.032	0.02
64H	C=3	2925.83	L . S . Grey .Col . Vug	3.4	0.94	0.64
65H	C=4	2934.07	L . S . Grey .Col . Vug	10.5	1.4	1
65V	C=4	2934.07	L . S . Grey .Col . Vug	7.7	4.6	2.9
66H	C=4	2935.36	L . S . Grey .Col . Vug	10.5	2.3	1.6
66V	C=4	2934.36	L . S . Grey .Col . Vug	8.4	9.4	7.3
67H	C=4	2936.17	L . S . Grey .Col .	9	2.1	1.5
68H	C=4	2939.2	L . S . Grey .Col .	5.3	0.036	0.02
68V	C=4	2939.2	L . S . Grey .Col .	3.3	0.057	0.03
69H	C=4	2939.65	L . S . Grey .Col .	4.7	4	2.9
70H	C=5	2951.37	L . S . Grey .Col . Vug	11.9	8.9	6.9
70V	C=5	2951.37	L . S . Grey .Col . Vug	14	7.1	5.4
71H	C=5	2951.85	L . S . Grey .Col . Vug	22.3	2.82	2.62
71V	C=5	2951.85	L . S . Grey .Col . Vug	16.2	16	13
72H	C=5	2952.17	L . S . Grey .Col . Vug	11.1	1.8	1.3
72V	C=5	2952.17	L . S . Grey .Col . Vug	3.5	0.23	0.14
73H	C=5	2952.65	L . S . Grey .Col . Vug	10.4	1.3	0.91
73V	C=5	2952.65	L . S . Grey .Col . Brolcen	12.7	0	0
74H	C=5	2954.94	L . S . Grey .Col .	6.7	0.05	0.03
75H	C=5	2955.28	L . S . Grey .Col . Brolcen	6.3	0	0
75V	C=5	2955.28	L . S . Grey .Col .	5.6	0.66	0.44
76H	C=5	2955.71	L . S . Grey .Col .	2.1	0.098	0.06
76V	C=5	2955.71	L . S . Grey .Col .	4.7	0.04	0.02
77H	C=5	2956.14	L . S . Grey .Col .	1.3	0.014	0.01
77V	C=5	2956.14	L . S . Grey .Col .	1.3	0.116	0.07
78H	C=5	2955.89	L . S . Grey .Col .	1.3	0.056	0.03
78V	C=5	2955.89	L . S . Grey .Col .	1.1	0.027	0.01
79H	C=5	2957.24	L . S . Grey .Col .	1.4	0.33	0.21
79V	C=5	2957.24	L . S . Grey .Col .	0.6	0.007	0
80H	C=5	2957.68	L . S . Grey .Col .	2.7	0.169	0.1
80V	C=5	2957.68	L . S . Grey .Col .	0.7	0.016	0.01
81H	C=5	2958.14	L . S . Grey .Col .	5	0.05	0.03
81V	C=5	2958.14	L . S . Grey .Col .	4.9	0.158	0.09
82H	C=5	2959.27	L . S . Grey .Col .	1.4	0.12	0.07
83H	C=6	2982.23	L . S . Grey .Col .	5.4	7.4	5.7
84H	C=6	2982.73	L . S . Grey .Col .	11.7	4.3	3.2
85H	C=6	2983.72	L . S . Grey .Col .	17.5	3.2	2.3
86V	C=6	2984.3	L . S . Grey .Col .	22.4	9.1	7
87H	C=6	2984.66	L . S . Grey .Col .	10.3	0.68	0.45

87V	C=6	2984.66	L . S . Grey .Col .	7.7	0.47	0.3
88H	C=6	2985.33	L . S . Grey .Col .	7.2	1.5	1
89H	C=6	2985.75	L . S . Grey .Col .	16.9	5.9	4.4
90H	C=6	2985.11	L . S . Grey .Col .	9.2	8	6.1
91H	C=6	2986.88	L . S . Grey .Col .	9.6	8.5	6.5
91V	C=6	2986.88	L . S . Grey .Col .	6.4	1.9	1.3
92H	C=6	2987.23	L . S . Grey .Col .	17.7	6.9	5.2
92V	C=6	2987.23	L . S . Grey .Col .	10.4	1.3	0.91
93H	C=6	2987.82	L . S . Grey .Col .	19.6	2.6	1.9
93V	C=6	2987.82	L . S . Grey .Col .	16.1	1.09	0.74
94H	C=6	2989.31	L . S . Grey .Col .	16.8	3.5	2.5
95H	C=6	2989.8	L . S . Grey .Col .	15.7	4.3	3.2
95V	C=6	2989.8	L . S . Grey .Col .	18.9	6.8	5.2
96H	C=6	2980.18	L . S . Grey .Col	7.7	8.1	6.2
96V	C=6	2980.18	L . S . Grey .Col	14.3	2	1.4
97H	C=6	2990.85	L . S . Grey .Col	12.3	0.25	0.16
97V	C=6	2990.85	L . S . Grey .Col	6.3	0.016	0.01
98H	C=6	2991.13	L . S . Grey .Col	10.5	0.69	0.45
98V	C=6	2991.13	L . S . Grey .Col	12.4	0.4	0.25
99H	C=6	2991.84	L . S . Grey .Col	9.1	0.018	0.01
99V	C=6	2991.84	L . S . Grey .Col	14.4	0.32	0.2
100H	C=6	2992.3	L . S . Grey .Col	15.3	0.41	0.26
100V	C=6	2992.3	L . S . Grey .Col	16.6	1.3	0.91
101H	C=6	2992.87	L . S . Grey .Col	6.9	0.014	0.01
101V	C=6	2992.87	L . S . Grey .Col	10.2	0.018	0.01
102H	C=6	2993.2	L . S . Grey .Col . Breken	12.9	0	0
102V	C=6	2993.2	L . S . Grey .Col	13.3	0.14	0.01
103H	C=6	2993.74	L . S . Grey .Col	9.9	0.24	0.15
103V	C=6	2993.74	L . S . Grey .Col	9.3	0.25	0.16
104H	C=6	2994.32	L . S . Grey .Col	18	7.2	5.5
104V	C=6	2994.32	L . S . Grey .Col	19.6	9.4	7.3
105H	C=6	2994.73	L . S . Grey .Col	16.4	0.014	0.01
106H	C=6	2995.21	L . S . Grey .Col	13.2	10.6	8.3
106V	C=6	2995.21	L . S . Grey .Col	13.9	2.9	2.1
107H	C=6	2995.82	L . S . Grey .Col	2.7	0.199	0.12
108H	C=6	2996.77	L . S . Grey .Col	8.9	1.3	0.91
109H	C=6	2997.16	L . S . Grey .Col	3.4	0.56	0.36
110H	C=6	2997.7	L . S . Grey .Col	6.2	0.02	0.01
110V	C=6	2997.7	L . S . Grey .Col	6.8	0.43	0.28

111V	C=6	2998.21	L . S . Grey .Col	10.5	0.023	0.01
112H	C=6	2998.89	L . S . Grey .Col	10	0.022	0.13
112V	C=6	2998.89	L . S . Grey .Col	4	0.036	0.02
113V	C=6	2999.18	L . S . Grey .Col	5.2	0.003	0
114H	C=6	2999.78	L . S . Grey .Col	20.7	11.9	9.3
114V	C=6	2999.78	L . S . Grey .Col	16.1	4.7	3.5
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115H	C=7	4404.25	L . S . Grey .Col .Comp	5.2	0.001	0
115V	C=7	4404.25	L . S . Grey .Col .Comp	1.3	0.001	0
116H	C=7	4404.63	L . S . Grey .Col .Comp	5.9	0.002	0
116V	C=7	4404.63	L . S . Grey .Col .Comp	2.7	0.001	0
117H	C=7	4405.3	L . S . Grey .Col .Comp	2	0.009	0
117V	C=7	4405.3	L . S . Grey .Col .Comp	1.9	0.005	0
118V	C=7	4406.24	L . S . Grey .Col .Comp	5.2	0.006	0
119H	C=7	4406.73	L . S . Grey .Col .	5.4	0.02	0.01
119V	C=7	4406.73	L . S . Grey .Col .	11.8	7.2	5.5
120H	C=7	4408.03	L . S . Grey .Col .	15.6	1.08	0.73
120V	C=7	4408.03	L . S . Grey .Col .	16.3	0.72	0.48
121H	C=7	4408.58	L . S . Grey .Col .Comp	7.3	0.008	0
121V	C=7	4408.58	L . S . Grey .Col .Comp	4.7	0.038	0.02
122H	C=7	4409.16	L . S . Grey .Col .Comp	5.4	0.029	0.02
122V	C=7	4409.16	L . S . Grey .Col .Comp	6.7	0.09	0.05
123H	C=7	4409.89	L . S . Darek Grey .Col .	15	155	140
123V	C=7	4409.89	L . S . Darek Grey .Col .	15	87	75
124H	C=7	4410.23	L . S . Darek Grey .Col .	11.3	61	53
124V	C=7	4410.23	L . S . Darek Grey .Col .	10.7	2.4	1.7
125H	C=7	4410.58	L . S . Darek Grey .Col .	5.1	0.118	0.07
125V	C=7	4410.58	L . S . Darek Grey .Col .	5.1	0.114	0.07
126H	C=7	4411.33	L . S . Darek Grey .Col .	4	0.047	0.03
126V	C=7	4411.33	L . S . Darek Grey .Col .	7.1	0.03	0.02
127H	C=7	4411.75	L . S . Darek Grey .Col .	14.5	1.7	1.2
127V	C=7	4411.75	L . S . Darek Grey .Col .	11.9	0.45	0.29
128H	C=7	4412.07	L . S . Darek Grey .Col .	12.1	2.1	1.5
128V	C=7	4412.07	L . S . Darek Grey .Col .	12.5	0.72	0.48
129H	C=7	4412.61	L . S . Darek Grey .Col .	3.2	2.2	1.6
129V	C=7	4412.61	L . S . Darek Grey .Col .	2.5	0.13	0.08
130H	C=7	4413.11	L . S . Grey .Col .	12.5	35	29
130V	C=7	4413.11	L . S . Grey .Col .	11.1	25	21
131H	C=7	4413.88	L . S . Grey .Col .	6.2	0.22	0.13

132H	C=7	4414.24	L . S . Grey .Col .	3.4	9.7	7.5
132V	C=7	4414.24	L . S . Grey .Col .	9.5	6.6	5
133H	C=7	4414.89	L . S . Grey .Col .	12.9	25	21
133V	C=7	4414.89	L . S . Grey .Col .	12.6	19	15
134H	C=7	4415.17	L . S . Grey .Col .	9.6	2.6	1.9
134V	C=7	4415.17	L . S . Grey .Col .	9.7	0.53	0.34
135H	C=7	4415.63	L . S . Grey .Col .	7.1	2.1	1.5
135V	C=7	4415.63	L . S . Grey .Col .	8.1	0.51	0.33
136H	C=7	4416.11	L . S . Grey .Col .	8.5	12	10
136V	C=7	4416.11	L . S . Grey .Col .	10.5	1.6	1.3
137H	C=7	4416.77	L . S . Grey .Col .	10.4	0.69	0.45
137V	C=7	4416.77	L . S . Grey .Col .	10.2	0.55	0.36
138H	C=7	4417.25	L . S . Grey .Col .	5.2	0.27	0.17
138V	C=7	4417.25	L . S . Grey .Col .	4.5	0.128	0.08
139H	C=7	4417.69	L . S . Grey .Col .	3.9	0.134	0.06
139V	C=7	4417.69	L . S . Grey .Col .	3.2	0.043	0.02
140H	C=7	4418.2	L . S . Darek Grey .Col .Comp	2.7	0.152	0.09
140V	C=7	4418.2	L . S . Darek Grey .Col .Comp	4	0.132	0.12
141H	C=7	4418.77	L . S . Darek Grey .Col .Comp	0.7	0.002	0
141V	C=7	4418.77	L . S . Darek Grey .Col .Comp	0.6	0.008	0
142H	C=7	4419.26	L . S . Darek Grey .Col .Comp	7.6	0.01	0.1
143V	C=7	4419.8	L . S . Darek Grey .Col .Comp	0.8	0.002	0
144H	C=8	4494.21	L . S . Grey .Col .vug	19.7	5.4	4
144V	C=8	4494.21	L . S . Grey .Col .vug	11.7	13	10
145H	C=8	4494.56	L . S . Grey .Col .vug	10.4	57	49
145V	C=8	4494.56	L . S . Grey .Col .vug	14.4	4.4	3.3
146H	C=8	4495.27	L . S . Grey .Col .vug	16.3	20	15
146V	C=8	4495.27	L . S . Grey .Col .vug	17.9	14	11
147H	C=8	4495.66	L . S . Grey .Col .vug	13.9	1.6	1.1
147V	C=8	4495.66	L . S . Grey .Col .vug	10.5	0.19	0.08
148H	C=8	4496.1	L . S . Grey .Col .vug	1.7	0	0
148V	C=8	4496.1	L . S . Grey .Col .vug	11.4	1.4	1
149H	C=8	4496.77	L . S . Grey .Col .vug	12.9	45	35
149V	C=8	4496.77	L . S . Grey .Col .vug	10.8	3	2.2
150H	C=8	4497.05	L . S . Grey .Col .vug	17.6	27	22
150V	C=8	4497.05	L . S . Grey .Col .vug	12.6	2.3	1.6
151H	C=8	4497.79	L . S . Grey .Col .vug	15.8	1.08	0.72

151V	C=8	4497.79	L . S . Grey .Col .vug	13.8	0.24	0.15
152H	C=8	4498.24	L . S . Darek Grey .Col .Vug	16.9	0.4	0.26
152V	C=8	4498.24	L . S . Darek Grey .Col .Vug	17.3	2.8	2
153H	C=8	4498.61	L . S . Darek Grey .Col .Vug	9.6	5.5	4.1
153V	C=8	4498.61	L . S . Darek Grey .Col .Vug	4.2	0.32	0.2
154H	C=8	4499.25	L . S . Darek Grey .Col .Vug	13.6	23	19
155H	C=8	4499.76	L . S . Darek Grey .Col .Vug	6.3	2	1.4
156H	C=8	4500.3	L . S . Darek Grey .Col .	4.3	2.5	1.8
156V	C=8	4500.3	L . S . Darek Grey .Col .	7	0.11	0.07
157H	C=8	4500.7	L . S . Darek Grey .Col .	2.9	0.3	0.19
158H	C=8	4501.14	L . S . Darek Grey .Col .	18.5	78	69
158V	C=8	4501.14	L . S . Darek Grey .Col .	19.1	67	58
159H	C=8	4501.09	L . S . Darek Grey .Col .	11.5	3.9	2.9
159V	C=8	4501.09	L . S . Darek Grey .Col .	8.4	5.2	3.9
160H	C=8	4502.32	L . S . Darek Grey .Col .	13.4	1.6	1.1
160V	C=8	4502.32	L . S . Darek Grey .Col .	11.8	0.007	0
161H	C=8	4502.78	L . S . Darek Grey .Col .Vug	15.3	11	8.6
161V	C=8	4502.78	L . S . Darek Grey .Col .Vug	15.4	0.64	0.42
162H	C=8	4503.81	L . S . Darek Grey .Col .Vug	4.6	0.007	0
162V	C=8	4503.81	L . S . Darek Grey .Col .Vug	5.6	0.007	0
163H	C=8	4504.04	L . S . Darek Grey .Col	6.3	0.003	0
163V	C=8	4504.04	L . S . Darek Grey .Col	7.6	0.009	0
164H	C=8	4505.62	L . S . Darek Grey .Col	9.6	0.49	0.32
165H	C=8	4506.24	L . S . Darek Grey .Col	13.6	1.3	0.91
166H	C=8	4506.73	L . S . Darek Grey .Col	9.3	0.055	0.03
166V	C=8	4506.73	L . S . Darek Grey .Col	13	0.79	0.053
167H	C=8	4507.22	L . S . Darek Grey .Col	13.2	4.8	3.6
167V	C=8	4507.22	L . S . Darek Grey .Col	2.7	0	0
168H	C=8	4507.71	L . S . Darek Grey .Col	6	0.8	0.54
168V	C=8	4507.71	L . S . Darek Grey .Col .Comp	4.7	0.05	0.03
169H	C=9	4512.34	L . S . Darek Grey .Col .Comp	11.8	8.3	6.4
169V	C=9	4512.34	L . S . Darek Grey .Col .Comp	13.8	0	0
170H	C=9	4512.82	L . S . Darek Grey .Col .Comp	11.7	88	77
170V	C=9	4512.82	L . S . Darek Grey .Col .Comp	10.9	21	17
171H	C=9	4513.23	L . S . Grey .Col .	11.2	0.19	0.12
171V	C=9	4513.23	L . S . Grey .Col .	11.4	0.039	0.02
172H	C=9	4513.8	L . S . Grey .Col .	9.4	0.32	0.2

172V	C=9	4513.8	L . S . Grey .Col .	9.7	0.32	0.2
173H	C=9	4514.21	L . S . Grey .Col .	5.7	0.004	0
174H	C=9	4515.27	L . S . Darek Grey .Col .Vug	7.5	0.43	0.28
174V	C=9	4515.27	L . S . Darek Grey .Col .Vug	5.5	0.33	0.21
175H	C=9	4516.64	L . S . Darek Grey .Col .Vug	9	0.19	0.12
175V	C=9	4516.64	L . S . Darek Grey .Col .Vug	7.5	0.007	0
176V	C=9	4516.34	L . S . Darek Grey .Col .Vug	6.9	0.44	0.28
177H	C=9	4516.91	L . S . Darek Grey .Col .Vug	16.3	5	3.7
177V	C=9	4516.91	L . S . Darek Grey .Col .Vug	12.5	1	0.68
178H	C=9	4517.19	L . S . Darek Grey .Col .Vug	16.5	10.1	7.9
178V	C=9	4517.19	L . S . Darek Grey .Col .Vug	17.3	2	1.4
179H	C=9	4517.68	L . S . Darek Grey .Col .	5.6	0.011	0.01
179V	C=9	4517.68	L . S . Darek Grey .Col .	4	0.001	0
180H	C=9	4518.22	L . S . Darek Grey .Col .	9.2	0.46	0.29
180V	C=9	4518.22	L . S . Darek Grey .Col .	8.8	0.49	0.32
181H	C=9	4518.86	L . S . Darek Grey .Col	5.8	0.21	0.13
181V	C=9	4518.86	L . S . Darek Grey .Col	6.1	0.009	0
182H	C=9	4519.16	L . S . Darek Grey .Col	6.8	0.005	0
182V	C=9	4519.16	L . S . Darek Grey .Col	5.7	0.009	0
183H	C=9	4519.67	L . S . Darek Grey .Col	14.1	57	49
183V	C=9	4519.67	L . S . Darek Grey .Col	17.5	194	172
184H	C=9	4520.28	L . S . Darek Grey .Col	11.7	3.7	2.7
184V	C=9	4520.28	L . S . Darek Grey .Col	12.6	9.2	7.1
185H	C=9	4520.69	L . S . Darek Grey .Col	16.1	86	75
185V	C=9	4520.69	L . S . Darek Grey .Col	16.7	145	130
186V	C=9	4521.27	L . S . Darek Grey .Col	13.6	13	10
187H	C=9	4521.75	L . S . Darek Grey .Col	9.1	0	0
187V	C=9	4521.75	L . S . Darek Grey .Col	6.8	0.03	0.02
188H	C=9	4522.14	L . S . Darek Grey .Col	8.2	0.012	0.01
188V	C=9	4522.14	L . S . Darek Grey .Col	8.2	0.011	0.01
189H	C=9	4522.77	L . S . Darek Grey .Col	8.4	0.18	0.11
189V	C=9	4522.77	L . S . Darek Grey .Col	6.8	0.009	0
190H	C=9	4523.15	L . S . Darek Grey .Col	6	0.002	0
191H	C=9	4524.9	Broken	3.9	0	0
192H	C=9	4525.22	L . S . Darek Grey .Col	13.6	2	1.4
192V	C=9	4525.22	L . S . Darek Grey .Col	16.2	1.1	0.75
193H	C=9	4525.84	L . S . Darek Grey .Col	6.1	0.009	0
193V	C=9	4525.84	L . S . Darek Grey .Col	8.3	0.031	0.02
194H	C=9	4526.45	L . S . Darek Grey .Col	11.3	2.1	1.5

195H	C=10	4529.09	L . S . Darek Grey .Col	13.2	0.27	0.17
195V	C=10	4529.09	L . S . Darek Grey .Col	11.4	0.068	0.04
196H	C=10	4529.72	L . S . Darek Grey .Col	13.7	0.1	0.06
196V	C=10	4529.72	L . S . Darek Grey .Col	13.3	0.1	0.06
197H	C=10	4530.19	L . S . Darek Grey .Col	9.6	0.31	0.19
198H	C=10	4530.54	L . S . Darek Grey .Col	8.9	0.29	0.18
198V	C=10	4530.54	L . S . Darek Grey .Col	10.6	4.1	3
199H	C=10	4531.18	L . S . Darek Grey .Col	7	0.18	0.11
199V	C=10	4531.18	L . S . Darek Grey .Col	8.3	0.25	0.16
200H	C=10	4531.79	L . S . Darek Grey .Col	18.8	26	21
200V	C=10	4531.79	L . S . Darek Grey .Col	19.4	13	10
201H	C=10	4531.1	L . S . Darek Grey .Col	23.3	13	10
201V	C=10	4531.1	L . S . Darek Grey .Col	21.6	19	15
202H	C=10	4532.77	L . S . Darek Grey .Col	17.6	14	11
202V	C=10	4532.77	L . S . Darek Grey .Col	19.6	7	5.3
203H	C=10	4533.22	L . S . Darek Grey .Col	16.5	34	28
203V	C=10	4533.22	L . S . Darek Grey .Col	16.9	44	37
204H	C=10	4533.83	L . S . Darek Grey .Col	16.9	15	12
204V	C=10	4533.83	L . S . Darek Grey .Col	16.3	46	39
205H	C=10	4534.13	L . S . Darek Grey .Col	16.1	382	352
206H	C=10	4534.62	L . S . Darek Grey .Col	24.2	264	244
206V	C=10	4534.62	L . S . Darek Grey .Col	17.6	83	73
207H	C=10	4535.26	L . S . Darek Grey .Col	18.5	38	32
207V	C=10	4535.26	L . S . Darek Grey .Col	13.5	0.041	0.03
208H	C=10	4535.79	L . S . Darek Grey .Col	5.9	0.002	0
208V	C=10	4535.79	L . S . Darek Grey .Col	6.1	0.003	0
209H	C=10	4536.38	L . S . Darek Grey .Col	15.4	14	11
209V	C=10	4536.38	L . S . Darek Grey .Col	14.3	1.43	1
210H	C=10	4536.74	L . S . Darek Grey .Col	14.3	5	3.7
210V	C=10	4536.74	L . S . Darek Grey .Col	13.5	4	2.9
211H	C=10	4537.37	L . S . Darek Grey .Col	11.3	0.052	0.03
211V	C=10	4537.37	L . S . Darek Grey .Col	11.6	0.106	0.06
212H	C=10	4537.65	L . S . Darek Grey .Col	7.6	0.043	0.02
212V	C=10	4537.65	L . S . Darek Grey .Col	6.6	0.005	0
213H	C=10	4538.18	L . S . Darek Grey .Col .Comp	1.6	0	0
214H	C=10	4538.82	L . S . Darek Grey .Col	17.4	28	23
214V	C=10	4538.82	L . S . Darek Grey .Col	16.7	31	26
215H	C=11	4547.24	L . S . Darek Grey .Col	9.4	1.3	0.91
215V	C=11	4547.24	L . S . Darek Grey .Col	10.1	3.1	2.2

216H	C=11	4547.83	L . S . Darek Grey .Col .Far	14	0	0
217H	C=11	4548.07	L . S . Darek Grey .Col .Vug	4.8	0.48	0.31
218H	C=11	4548.78	L . S . Darek Grey .Col .Vug	6.7	0.69	0.45
219H	C=11	4551.16	L . S . Darek Grey .Col .Vug	17.4	4.2	3.1
219V	C=11	4551.16	L . S . Darek Grey .Col .Vug	19.6	17	14
220H	C=11	4551.82	L . S . Darek Grey .Col .	18.4	3	2.2
220V	C=11	4551.82	L . S . Darek Grey .Col .	17.8	4.5	3.4
221H	C=11	4552.21	L . S . Darek Grey .Col .	16	0.57	0.37
221V	C=11	4552.21	L . S . Darek Grey .Col .	14.6	0.43	0.28
222V	C=11	4552.76	L . S . Darek Grey .Col .Vug	9.4	1.4	1
223H	C=11	4553.15	L . S . Darek Grey .Col .	14.3	31	26
223V	C=11	4553.15	L . S . Darek Grey .Col .	14.2	16	13
224H	C=11	4553.78	L . S . Darek Grey .Col .	17.6	65	56
224V	C=11	4553.78	L . S . Darek Grey .Col .	17.6	70	61
225H	C=11	4554.28	L . S . Darek Grey .Col .	16.2	34	28
225V	C=11	4554.28	L . S . Darek Grey .Col .	15.7	39	33
226H	C=11	4554.88	L . S . Darek Grey .Col	11.6	0.32	0.2
226V	C=11	4554.88	L . S . Darek Grey .Col	14.9	4	2.9
227H	C=11	4555.16	L . S . Darek Grey .Col	16.1	17	14
227V	C=11	4555.16	L . S . Darek Grey .Col	16.8	16	13
228H	C=11	4555.66	L . S . Darek Grey .Col	11.3	12	10
228V	C=11	4555.66	L . S . Darek Grey .Col	18	35	29
229H	C=11	4556.27	L . S . Darek Grey .Col	7.9	0.19	0.12
229V	C=11	4556.27	L . S . Darek Grey .Col	9.5	0.003	0
230H	C=11	4556.86	L . S . Darek Grey .Col	11.6	0.12	0.07
230V	C=11	4556.86	L . S . Darek Grey .Col	12.8	0.14	0.08
231H	C=11	4557.09	L . S . Darek Grey .Col	15.5	0.89	0.06
231V	C=11	4557.09	L . S . Darek Grey .Col	15.3	0.36	0.023
232H	C=11	4557.74	L . S . Grey .Col .Comp	2.9	0.009	0
232V	C=11	4557.74	L . S . Grey .Col .	9.3	0.39	0.25
233H	C=11	4558.32	L . S . Grey .Col .	11.1	0.032	0.02
233V	C=11	4558.32	L . S . Grey .Col .	12	0.13	0.08
234H	C=11	4558.87	L . S . Grey .Col .	6.3	0.002	0
234V	C=11	4558.87	L . S . Grey .Col .	9.3	0.25	0.16
235H	C=11	4559.21	L . S . Grey .Col .	11.6	0.011	0.01
235V	C=11	4559.21	L . S . Grey .Col .	11.8	0.031	0.02
236H	C=11	4559.92	L . S . Grey .Col .	13.1	0.12	0.07
236V	C=11	4559.92	L . S . Grey .Col .	15.1	0.23	0.14
237H	C=11	4560.42	L . S . Grey .Col .	12.8	0.013	0.01

237V	C=11	4560.42	L . S . Grey .Col .	12.7	1.2	0.83
238V	C=12	4561.27	L . S . Grey .Col .	7.9	0.11	0.03
239H	C=12	4562.23	L . S . Grey .Col .	11.6	0.15	0.09
239V	C=12	4562.23	L . S . Grey .Col .	13.5	0.38	0.24
240H	C=12	4563.8	L . S . Grey .Col .	10.1	0.22	0.13
240V	C=12	4563.8	L . S . Grey .Col .	12.6	0.24	0.15
241H	C=12	4564.19	L . S . Grey .Col .	11.4	0	0
242H	C=12	4564.68	L . S . Grey .Col .	5.12	0.15	0.09
243H	C=12	4565.79	L . S . Darek Grey .Col .Far	12.5	0	0
243V	C=12	4565.79	L . S . Darek Grey .Col .	14.8	1.2	0.83
244H	C=12	4566.1	L . S . Darek Grey .Col .	9.9	0.047	0.03
244V	C=12	4566.1	L . S . Darek Grey .Col .	12.9	0.53	0.34
245H	C=12	4566.81	L . S . Darek Grey .Col .	15.6	2.3	1.6
246H	C=12	4567.24	L . S . Darek Grey .Col .	11.1	3.2	2.3
246V	C=12	4567.24	L . S . Darek Grey .Col .	10.6	3.6	2.6
247H	C=12	4567.66	L . S . Darek Grey .Col .Far	5.7	0	0
247V	C=12	4567.66	L . S . Darek Grey .Col .	6.9	0.004	0
248H	C=12	4568.15	L . S . Darek Grey .Col .	7.9	1.2	0.83
248V	C=12	4568.15	L . S . Darek Grey .Col .	8.3	0.33	0.21
249H	C=13	4572.28	L . S . Darek Grey .Col .	0.7	0.001	0
249V	C=13	4572.28	L . S . Darek Grey .Col .	0.71	0.001	0
250H	C=13	4573.57	L . S . Darek Grey .Col .	8	0.44	0.28
251H	C=13	4574.11	L . S . Darek Grey .Col .Comp	2.5	0.005	0
252H	C=13	4574.76	L . S . Grey .Col .	0.9	0.004	0
252V	C=13	4574.76	L . S . Grey .Col .	1.4	0.003	0
253H	C=13	4575.8	L . S . Grey .Col .	0.7	0.006	0
253V	C=13	4575.8	L . S . Grey .Col .	0.9	0.002	0
254H	C=13	4575.75	L . S . Grey .Col .	6.1	1.2	0.8
255H	C=13	4576.33	L . S . Grey .Col .	6.1	0.66	0.44
255V	C=13	4576.33	L . S . Grey .Col .	9.3	1.5	1
256H	C=13	4577.83	L . S . Grey .Col .Fra	8	0	0
257H	C=13	4578.68	L . S . Grey .Col .	10	0.4	0.26
258V	C=13	4578.68	L . S . Grey .Col .	13.5	0.82	0.55
259H	C=13	4581.23	L . S . Grey .Col . Vug	10.7	3.8	2.8
259V	C=13	4581.23	L . S . Grey .Col . Vug	11.4	2.5	1.8
260H	C=13	4581.72	L . S . Grey .Col . Vug	11.2	13	10
260V	C=13	4581.72	L . S . Grey .Col . Vug	11.2	1.05	0.71
261H	C=13	4582.14	L . S . Grey .Col . Vug	18.3	3.8	2.8
261V	C=13	4582.14	L . S . Grey .Col . Vug	19.1	8.7	6.7

262H	C=13	4583.27	L . S . Grey .Col .Comp	5.3	0.003	0
262V	C=13	4583.27	L . S . Grey .Col .Comp	1.1	0	0
263H	C=13	4584.15	L . S . Grey .Col .Comp	1.15	0.81	0.54
263V	C=13	4584.15	L . S . Grey .Col .Comp	1.4	0.002	0
264H	C=13	4584.58	L . S . Grey .Col .Comp	0.7	0.002	0
265H	C=13	4585.11	L . S . Grey .Col .Comp	0.5	0.002	0
266H	C=13	4585.6	L . S . Grey .Col .Comp	9.8	0.003	0
266V	C=13	4585.6	L . S . Grey .Col .Comp	9.3	0.003	0
267H	C=13	4585.12	L . S . Grey .Col .Comp	9.7	0.004	0
268H	C=14	4590.26	L . S . Grey .Col .Fra	12.6	0.53	0.34
268V	C=14	4590.26	L . S . Grey .Col .	11.4	0.23	0.14
269H	C=14	4590.9	L . S . Grey .Col .	7.6	0.007	0
269V	C=14	4590.9	L . S . Grey .Col .	10.1	0.15	0.09
270H	C=14	4591.16	L . S . Grey .Col .	12.3	0.25	0.16
270V	C=14	4591.16	L . S . Grey .Col .	12.1	0.25	0.16
271H	C=14	4592.33	L . S . Grey .Col .	15.2	1.8	1.3
271V	C=14	4592.33	L . S . Grey .Col .	16.2	3.1	2.2
272H	C=14	4593.66	L . S . Grey .Col .	14.1	6.5	4.9
272V	C=14	4593.66	L . S . Grey .Col .	14.7	2.3	1.6
273H	C=14	4593.13	L . S . Grey .Col .	17.3	3.4	2.5
273V	C=14	4593.13	L . S . Grey .Col .	9	0.47	0.3
274H	C=14	4593.87	L . S . Grey .Col .	16.5	10.1	7.9
274V	C=14	4593.87	L . S . Grey .Col .	12.1	0.38	0.24
275H	C=14	4594.28	L . S . Grey .Col .	7.8	0.17	0.1
275V	C=14	4594.28	L . S . Grey .Col .	10.1	0.14	0.08
276H	C=14	4594.64	L . S . Grey .Col .	14.8	0.6	0.39
276V	C=14	4594.64	L . S . Grey .Col .	14.8	0.17	0.1
277H	C=14	4594.64	L . S . Grey .Col .	15.7	12.1	10
277V	C=14	4594.64	L . S . Grey .Col .	17.6	3.2	2.3
278H	C=14	4595.71	L . S . Grey .Col .	15.8	1.6	1.1
278V	C=14	4595.71	L . S . Grey .Col .	17.1	1.8	1.3
279H	C=14	4596.11	L . S . Grey .Col .	16.7	1.9	1.3
279V	C=14	4596.11	L . S . Grey .Col .	15.7	1.9	1.3
280H	C=14	4596.71	L . S . Grey .Col .	15.4	0.81	0.54
281H	C=14	4597.27	L . S . Grey .Col .	15.6	0.64	0.42
281V	C=14	4597.27	L . S . Grey .Col .	16.7	0.81	0.54
282H	C=14	4597.85	L . S . Grey .Col .	13.1	0.27	0.17
282V	C=14	4597.85	L . S . Grey .Col .	11.4	0.067	0.04
283H	C=14	4598.23	L . S . Grey .Col .Fra	9.8	0	0

284H	C=14	4598.69	L . S . Grey .Col .	10.9	0.37	0.23
284V	C=14	4598.69	L . S . Grey .Col .	11.3	0.21	0.13
285H	C=14	4599.1	L . S . Grey .Col .	10.5	1.1	0.75
285V	C=14	4599.1	L . S . Grey .Col .	11.2	0.32	0.2
286H	C=14	4599.7	L . S . Grey .Col .	9.6	0.04	0.02
286V	C=14	4599.7	L . S . Grey .Col .	7.7	0.031	0.02