

Base-Case Groundwater Uranium Concentrations For Collection/Injection Predictive Model

	Alluvial Aquifer	Upper Chinle Aquifer	Middle Chinle Aquifer	Lower Chinle Aquifer		San Andres Glorieta Aquifer
				Non-Mixing	Mixing	
Maximum Source-Area Groundwater Concentration (mg/L)						
Maximum POE 1 Concentration (mg/L)	Dry	Absent	0.0200	0.0200	Absent	0.0056
Maximum POE 2 Concentration (mg/L)	0.0228	0.0205	0.0209	0.0200	Absent	0.0056
Maximum POE 3 Concentration (mg/L)	0.0192	0.0202	0.0197	0.0200	Absent	0.0056
Maximum POE 4 Concentration (mg/L)	0.1462	0.0207	0.0201	0.0200	Absent	0.0056
Maximum POE 5 Concentration (mg/L)	0.0720	0.0201	0.0201	0.0200	Absent	0.0057
Maximum POE 6 Concentration (mg/L)	Dry	Absent	0.0350	0.0204	Absent	0.0057
Maximum POE 7 Concentration (mg/L)	Dry	Absent	Absent	NA	0.1032	0.0068
Maximum POE 8 Concentration (mg/L)	Dry	Absent	Absent	NA	0.0422	0.0076
Maximum POE 9 Concentration (mg/L)	0.0754	Absent	Absent	Absent	Absent	0.0100
Maximum POE 10 Concentration (mg/L)	0.0577	Absent	Absent	Absent	Absent	0.0133
Maximum POE 11 Concentration (mg/L)	0.0145	Absent	Absent	Absent	Absent	0.0065
Maximum POE 12 Concentration (mg/L)	Dry	Absent	Absent	0.0200	Absent	0.0056
Maximum POE Concentration	0.1462	0.0207	0.0350	0.0204	0.1032	0.0133

Aquifer not present at this location due to absence of saturation or geologically absent Excluded, value reflects upgradient inputs, not mill-related source

POE- Point of Exposure POC = Point of Compliance

Year	Account	IC	MC	CC	000
1	0320001	Account	Account	Account	0320001
2	0320002	Account	Account	Account	0320002
3	0320003	Account	Account	Account	0320003
4	0320004	Account	Account	Account	0320004
5	0320005	Account	Account	Account	0320005
6	0320006	Account	Account	Account	0320006
7	0320007	Account	Account	Account	0320007
8	0320008	Account	Account	Account	0320008
9	0320009	Account	Account	Account	0320009
10	0320010	Account	Account	Account	0320010
11	0320011	Account	Account	Account	0320011
12	0320012	Account	Account	Account	0320012
13	0320013	Account	Account	Account	0320013
14	0320014	Account	Account	Account	0320014
15	0320015	Account	Account	Account	0320015
16	0320016	Account	Account	Account	0320016
17	0320017	Account	Account	Account	0320017
18	0320018	Account	Account	Account	0320018
19	0320019	Account	Account	Account	0320019
20	0320020	Account	Account	Account	0320020
21	0320021	Account	Account	Account	0320021
22	0320022	Account	Account	Account	0320022
23	0320023	Account	Account	Account	0320023
24	0320024	Account	Account	Account	0320024
25	0320025	Account	Account	Account	0320025
26	0320026	Account	Account	Account	0320026
27	0320027	Account	Account	Account	0320027
28	0320028	Account	Account	Account	0320028
29	0320029	Account	Account	Account	0320029
30	0320030	Account	Account	Account	0320030
31	0320031	Account	Account	Account	0320031
32	0320032	Account	Account	Account	0320032
33	0320033	Account	Account	Account	0320033
34	0320034	Account	Account	Account	0320034
35	0320035	Account	Account	Account	0320035
36	0320036	Account	Account	Account	0320036
37	0320037	Account	Account	Account	0320037
38	0320038	Account	Account	Account	0320038
39	0320039	Account	Account	Account	0320039
40	0320040	Account	Account	Account	0320040
41	0320041	Account	Account	Account	0320041
42	0320042	Account	Account	Account	0320042
43	0320043	Account	Account	Account	0320043
44	0320044	Account	Account	Account	0320044
45	0320045	Account	Account	Account	0320045
46	0320046	Account	Account	Account	0320046
47	0320047	Account	Account	Account	0320047
48	0320048	Account	Account	Account	0320048
49	0320049	Account	Account	Account	0320049
50	0320050	Account	Account	Account	0320050
51	0320051	Account	Account	Account	0320051
52	0320052	Account	Account	Account	0320052
53	0320053	Account	Account	Account	0320053
54	0320054	Account	Account	Account	0320054
55	0320055	Account	Account	Account	0320055
56	0320056	Account	Account	Account	0320056
57	0320057	Account	Account	Account	0320057
58	0320058	Account	Account	Account	0320058
59	0320059	Account	Account	Account	0320059
60	0320060	Account	Account	Account	0320060
61	0320061	Account	Account	Account	0320061
62	0320062	Account	Account	Account	0320062
63	0320063	Account	Account	Account	0320063
64	0320064	Account	Account	Account	0320064
65	0320065	Account	Account	Account	0320065
66	0320066	Account	Account	Account	0320066
67	0320067	Account	Account	Account	0320067
68	0320068	Account	Account	Account	0320068
69	0320069	Account	Account	Account	0320069
70	0320070	Account	Account	Account	0320070
71	0320071	Account	Account	Account	0320071
72	0320072	Account	Account	Account	0320072
73	0320073	Account	Account	Account	0320073
74	0320074	Account	Account	Account	0320074
75	0320075	Account	Account	Account	0320075
76	0320076	Account	Account	Account	0320076
77	0320077	Account	Account	Account	0320077
78	0320078	Account	Account	Account	0320078
79	0320079	Account	Account	Account	0320079
80	0320080	Account	Account	Account	0320080
81	0320081	Account	Account	Account	0320081
82	0320082	Account	Account	Account	0320082
83	0320083	Account	Account	Account	0320083
84	0320084	Account	Account	Account	0320084
85	0320085	Account	Account	Account	0320085
86	0320086	Account	Account	Account	0320086
87	0320087	Account	Account	Account	0320087
88	0320088	Account	Account	Account	0320088
89	0320089	Account	Account	Account	0320089
90	0320090	Account	Account	Account	0320090
91	0320091	Account	Account	Account	0320091
92	0320092	Account	Account	Account	0320092
93	0320093	Account	Account	Account	0320093
94	0320094	Account	Account	Account	0320094
95	0320095	Account	Account	Account	0320095
96	0320096	Account	Account	Account	0320096
97	0320097	Account	Account	Account	0320097
98	0320098	Account	Account	Account	0320098
99	0320099	Account	Account	Account	0320099
100	0320100	Account	Account	Account	0320100

Cont. 100 5 6

Year Month Day Hour Minute Second

Year	Month	Day	Hour	Minute	Second
1	1	1	00	00	00
1	1	1	00	00	01
1	1	1	00	00	02
1	1	1	00	00	03
1	1	1	00	00	04
1	1	1	00	00	05
1	1	1	00	00	06
1	1	1	00	00	07
1	1	1	00	00	08
1	1	1	00	00	09
1	1	1	00	00	10
1	1	1	00	00	11
1	1	1	00	00	12
1	1	1	00	00	13
1	1	1	00	00	14
1	1	1	00	00	15
1	1	1	00	00	16
1	1	1	00	00	17
1	1	1	00	00	18
1	1	1	00	00	19
1	1	1	00	00	20
1	1	1	00	00	21
1	1	1	00	00	22
1	1	1	00	00	23
1	1	1	00	00	24
1	1	1	00	00	25
1	1	1	00	00	26
1	1	1	00	00	27
1	1	1	00	00	28
1	1	1	00	00	29
1	1	1	00	00	30
1	1	1	00	00	31
1	1	1	00	00	32
1	1	1	00	00	33
1	1	1	00	00	34
1	1	1	00	00	35
1	1	1	00	00	36
1	1	1	00	00	37
1	1	1	00	00	38
1	1	1	00	00	39
1	1	1	00	00	40
1	1	1	00	00	41
1	1	1	00	00	42
1	1	1	00	00	43
1	1	1	00	00	44
1	1	1	00	00	45
1	1	1	00	00	46
1	1	1	00	00	47
1	1	1	00	00	48
1	1	1	00	00	49
1	1	1	00	00	50
1	1	1	00	00	51
1	1	1	00	00	52
1	1	1	00	00	53
1	1	1	00	00	54
1	1	1	00	00	55
1	1	1	00	00	56
1	1	1	00	00	57
1	1	1	00	00	58
1	1	1	00	00	59
1	1	1	00	00	60
1	1	1	00	00	61
1	1	1	00	00	62
1	1	1	00	00	63
1	1	1	00	00	64
1	1	1	00	00	65
1	1	1	00	00	66
1	1	1	00	00	67
1	1	1	00	00	68
1	1	1	00	00	69
1	1	1	00	00	70
1	1	1	00	00	71
1	1	1	00	00	72
1	1	1	00	00	73
1	1	1	00	00	74
1	1	1	00	00	75
1	1	1	00	00	76
1	1	1	00	00	77
1	1	1	00	00	78
1	1	1	00	00	79
1	1	1	00	00	80
1	1	1	00	00	81
1	1	1	00	00	82
1	1	1	00	00	83
1	1	1	00	00	84
1	1	1	00	00	85
1	1	1	00	00	86
1	1	1	00	00	87
1	1	1	00	00	88
1	1	1	00	00	89
1	1	1	00	00	90
1	1	1	00	00	91
1	1	1	00	00	92
1	1	1	00	00	93
1	1	1	00	00	94
1	1	1	00	00	95
1	1	1	00	00	96
1	1	1	00	00	97
1	1	1	00	00	98
1	1	1	00	00	99
1	1	1	00	00	100

End of data