

Table F-14. Inorganic chemistry of ground water in the vicinity of M-Area basin<sup>a</sup>

Constituent	Concentration (mg/ℓ)	
	Average background (6 wells)	Average downgradient <sup>b</sup> (6 wells)
K	5.6	7.7
Na	7.2	33.7
Ca	40.7	68.5
Mg	.38	8.3
Cl	2.1	4.7
SO <sub>4</sub>	2.5	2.2
P	37	34
N (NO <sub>2</sub> + NO <sub>3</sub> as N)	.9	56
Fe <sup>b</sup>	1.4	.7
Zn <sup>b</sup>	.35	4.0
Ni <sup>b</sup>	<.01	.06
Al <sup>b</sup>	3.7	1.8
Cu <sup>b</sup>	.07	.04
<u>Property</u>		
Conductivity (μmho/cm)	337	554
pH	9.2	8.76

<sup>a</sup>PVC wells only (background, 4 wells; downgradient, 5 wells); adapted from Du Pont (1983).

<sup>b</sup>Wells within 300 meters of basin.