

Table 1: Representative water quality data sets for geochemical modeling.

Analyte ^a	Ambient ("Background") ^b	Anomalous ("Diluted") ^c	Well #1 (2015 Events)
Alkalinity	98	96	331
B	7	1	18
Ca	519	555	459
Cl	1,745	29	1,700
K	21	6	35
Ma	365	132	880
NO ₃	217	0	137
Na	2,256	176	4,650
SO ₄	5,164	2,211	9,600
pH	7.6	7.6	7.4

Notes:

a = Units are mg/L (except pH).

b = Ambient/background are median concentrations from Well #1, not labeled as novelty by SVM algorithm.

c = Anomalous/diluted are median concentrations from Well #2, labeled as novelty by SVM algorithm.