

Accepted Manuscript

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PII: S0883-2927(16)30435-8

DOI: [10.1016/j.apgeochem.2017.03.001](https://doi.org/10.1016/j.apgeochem.2017.03.001)

Reference: AG 3836

To appear in: *Applied Geochemistry*

Received Date: 26 October 2016

Revised Date: 27 February 2017

Accepted Date: 1 March 2017

Please cite this article as: Fowler, A.P.G., Spycher, N., Zierenberg, R.A., Cantwell, C.A., Identification of blind geothermal resources in Surprise Valley, CA, using publicly available groundwater well water quality data, *Applied Geochemistry* (2017), doi: 10.1016/j.apgeochem.2017.03.001.

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Identification of blind geothermal resources in Surprise Valley, CA, using publicly available groundwater well water quality data

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Keywords: Surprise Valley; Geothermal; Evaporation; Geochemical Modeling; Fluid Mixing, Blind Geothermal Resources

Highlights:

- 1) Groundwater well samples with thermal geochemical signatures are identified
- 2) Cold water wells with thermal signatures have linear geographic distributions
- 3) Publicly available water quality geochemical analyses provide a means to identify blind geothermal resources

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