

FIELD SHEET FOR WATER SAMPLING

AREA:

Data entered

Site Name: C-Punch Ranch

Site ID: GSV-13 Date: 4/10/2017 Time: 4:45 pm

Investigator: Shevenell/Zehner

Weather: sunny

Recent rain? yes 4/8/2017

Location

County: Pershing Township: _____ Range: _____

Topo Sheet: _____ Section: _____ 1/4 Section: _____

GPS reading UTM N 4444484 UTM E 333571 NAD83 _____

Water Information:

Type of Feature: spring seep well pool
→ very high flow rate

Temperature (thermocouple): 14 °C

pH: 6.5 @ 14 °C

Flow Rate: ~30 gallons/min How Estimated: poured in 5 gallon bucket

Water Depth: _____

Samples Collected:

FA - Filtered Unacidified (250 ml - anions)	_____	Rock: _____	ID No.: _____
FU - Filtered Acidified (125 ml - cations)	_____	Type: _____	_____
SiO2 - Filtered - 10 ml into 40 ml DI water	_____	_____	_____
D/180 - Unfiltered, unrinsed - 20 ml vial	_____	Other: _____	_____
180-SO4 - Filtered, unrinsed (250 ml)	_____		

Notes

Photos taken: _____

Numbered sequence: _____

Photo Description: _____

Site Description & Comments:

John Rogers rancher. Says there is another warm well near where the other well is. Going north if you take a right and go 200 yards then you can access it. John says that if we want a sample we need to give him a days notice and he'll meet us at there with a generator. well is called Vernon something. He also mentioned a spring, Lowry Spring on the eastern range just below the saddle, have approximate location

FIELD SHEET FOR WATER SAMPLING

AREA:

Data entered 04/10/2017

Site Name: Granite Springs Valley Blue wing spring

Site ID: GSV-010 11 Date: 04/10/2017 Time: 11 55

Investigator: Shevenell/Zehner

Weather: slightly cloudy

Recent rain? yes 04/08/2017

Location

County: Pershing Township: _____ Range: _____

Topo Sheet: _____ Section: _____ 1/4 Section: _____

GPS reading UTM N 4442079 UTM E 325389 NAD83 _____

Water Information:

Type of Feature: spring seep well pool

Temperature (thermocouple): 11 °C one out of batteries

pH: 7.5 @ 11 °C

Flow Rate: 5 l/min How Estimated: 500 pLouch and beaker filled to 500ml

Water Depth: N/A

Samples Collected:

- FA - Filtered Unacidified (250 ml - anions) _____ Rock: _____ ID No.: _____
- FU - Filtered Acidified (125 ml - cations) _____
- SiO2 - Filtered - 10 ml into 40 ml DI water _____ Type: _____
- D/180 - Unfiltered, unrinsed - 20 ml vial _____
- 180-SO4 - Filtered, unrinsed (250 ml) _____
- Other: _____

Notes

Photos taken: yes - 2

Numbered sequence: _____

Photo Description:

Proximal to blue wing spring (source), abandoned pool. Emma + Heather smells l.k.e plant decomp, algae in pool

Site Description & Comments:

FIELD SHEET FOR WATER SAMPLING

AREA:

Data entered

Site Name: Granite Springs Valley -> "Granite Springs"
Site ID: GSV-12 Date: 4/10/17 Time: 2:11 pm
Investigator: Shevenell/Zehner
Weather: SUNNY
Recent rain? yes 4/8/17

Location

County: Pershing Township: _____ Range: _____
Topo Sheet: _____ Section: _____ 1/4 Section: _____
GPS reading UTM N ~~4438685~~ UTM E 324931 NAD83 _____
4438685

Water Information:

Type of Feature: spring seep well pool
Temperature (thermocouple): 17 °C *-> low flow, exposed to solar radiation*
pH: 7 @ 17 °C
Flow Rate: < 0.5 L/min How Estimated: eyeballed
Water Depth: 1-3 mm

Samples Collected:

FA - Filtered Unacidified (250 ml - anions) _____
FU - Filtered Acidified (125 ml - cations) _____
SiO2 - Filtered - 10 ml into 40 ml DI water _____
D/180 - Unfiltered, unrinsed - 20 ml vial _____
180-SO4 - Filtered, unrinsed (250 ml) _____
Rock: granodiorite ID No.: _____
Type: _____
Other: _____

Notes

Photos taken: yes - 2
Numbered sequence: GSV-12 ; GSV-12(1)
Photo Description:

Site Description & Comments:

gully
- algae in pooled areas, very low flow, up *valley* from tubs
- The rancher, John, from c-punch said they're restoring the springs