



File Path: Y:\GIS\Projects\Prather_Springs\Maps\OGC_mtg112408\sw_locs2.mxd



Surface Water Sampling Locations

-  Routine Surface Water Sampling Location
-  Other Surface Water Sampling Location

NOTES:
1. Horizontal Datum: UTM,
NAD83, Zone 13N, meters
2. Vertical Datum: NAVD29

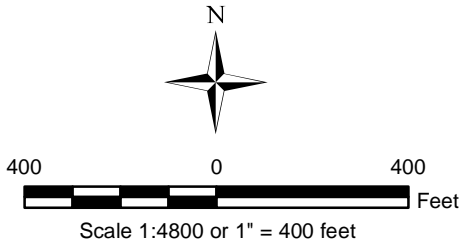


FIGURE 2 Surface Water Monitoring Station Map

Phase I Prather Spring Site Investigation

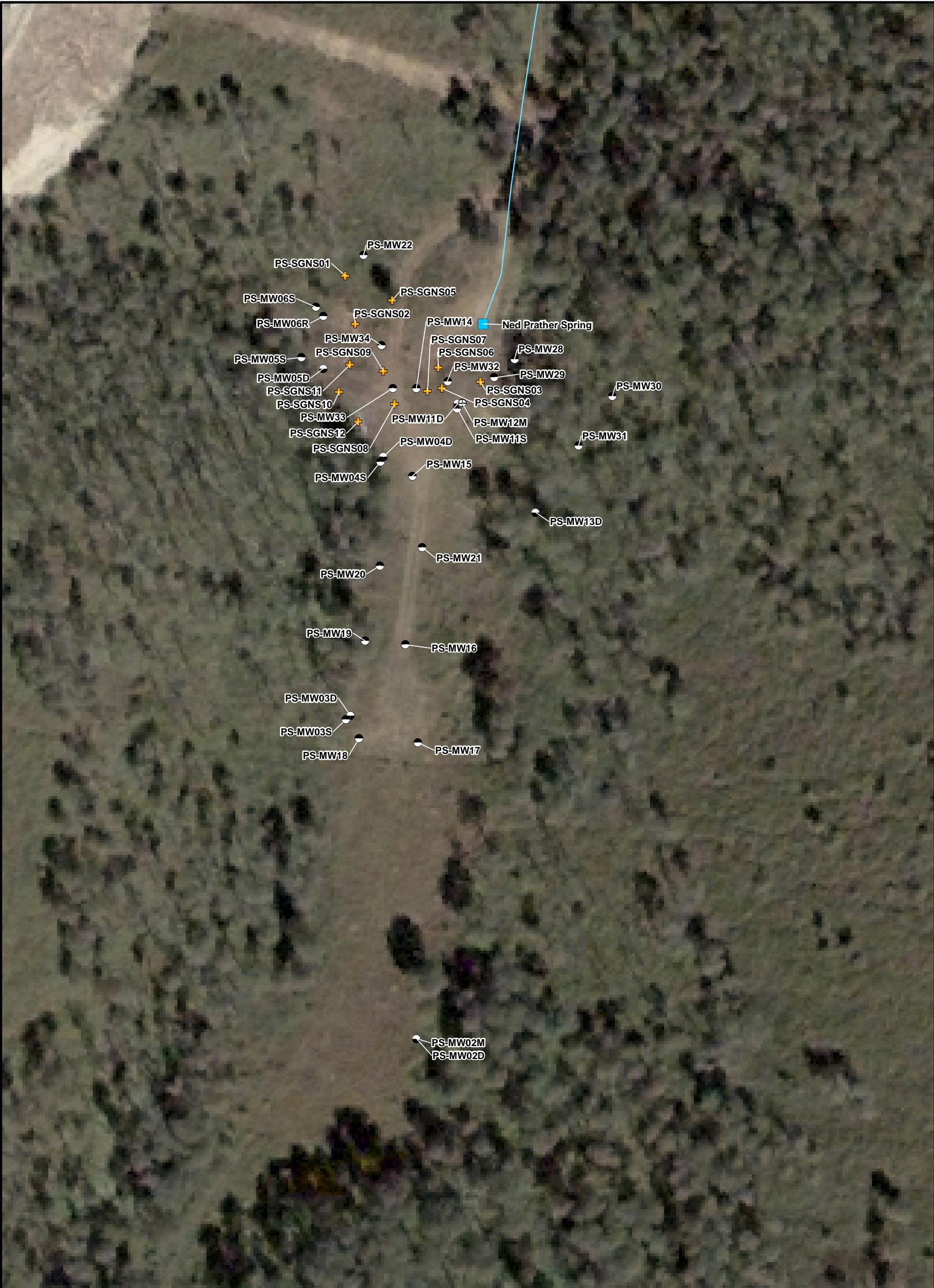
URS

File Name
sw_locs2.mxd

Rev. Date
11/21/08

Dr. By
GCK

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<div><div><div>■</div><div>Routine Surface Water Sampling Location</div></div><div><div>+</div><div>Soil Gas Sampling Location</div></div><div><div>—</div><div>Creek</div></div></div> <div><div>Monitoring Wells</div><div><div>●</div><div>Shallow</div></div><div><div>⊕</div><div>Intermediate</div></div><div><div>●</div><div>Deep</div></div></div>	<div><div><div>60060</div><div>Feet</div></div><div>Scale 1:720 or 1" = 60 feet</div></div> <div><div>NOTES:</div><div>1. Horizontal Datum: UTM, NAD83, Zone 13N, meters</div><div>2. Vertical Datum: NAVD29</div></div>	<div><div><div><div>N</div><div>URS</div></div></div></div> <div><div><div>FIGURE 3</div><div>Sampling Location Map for Ned Prather Spring Area</div></div></div> <div><div><div>Phase I Prather Spring Site Investigation</div><div><div>File Name</div><div>sample_locs_np.mxd</div></div><div><div>Rev. Date</div><div>11/21/08</div></div><div><div>Dr. By</div><div>GCK</div></div></div></div>
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Routine Surface Water
Sampling Location

Soil Gas Sampling Location

Creek

Monitoring Wells

Shallow

Intermediate

Deep

60

0

60

Feet

Scale 1:720 or 1" = 60 feet

NOTES:

1. Horizontal Datum: UTM,
NAD83, Zone 13N, meters

2. Vertical Datum: NAVD29

N

URS

FIGURE 4

Sampling Location Map
for Spring 2 Area

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+

Soil Gas Sampling Location

Monitoring Wells

●

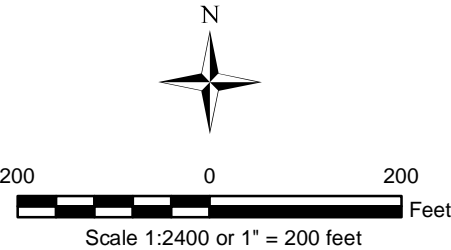
Shallow

⊕

Intermediate

●

Deep



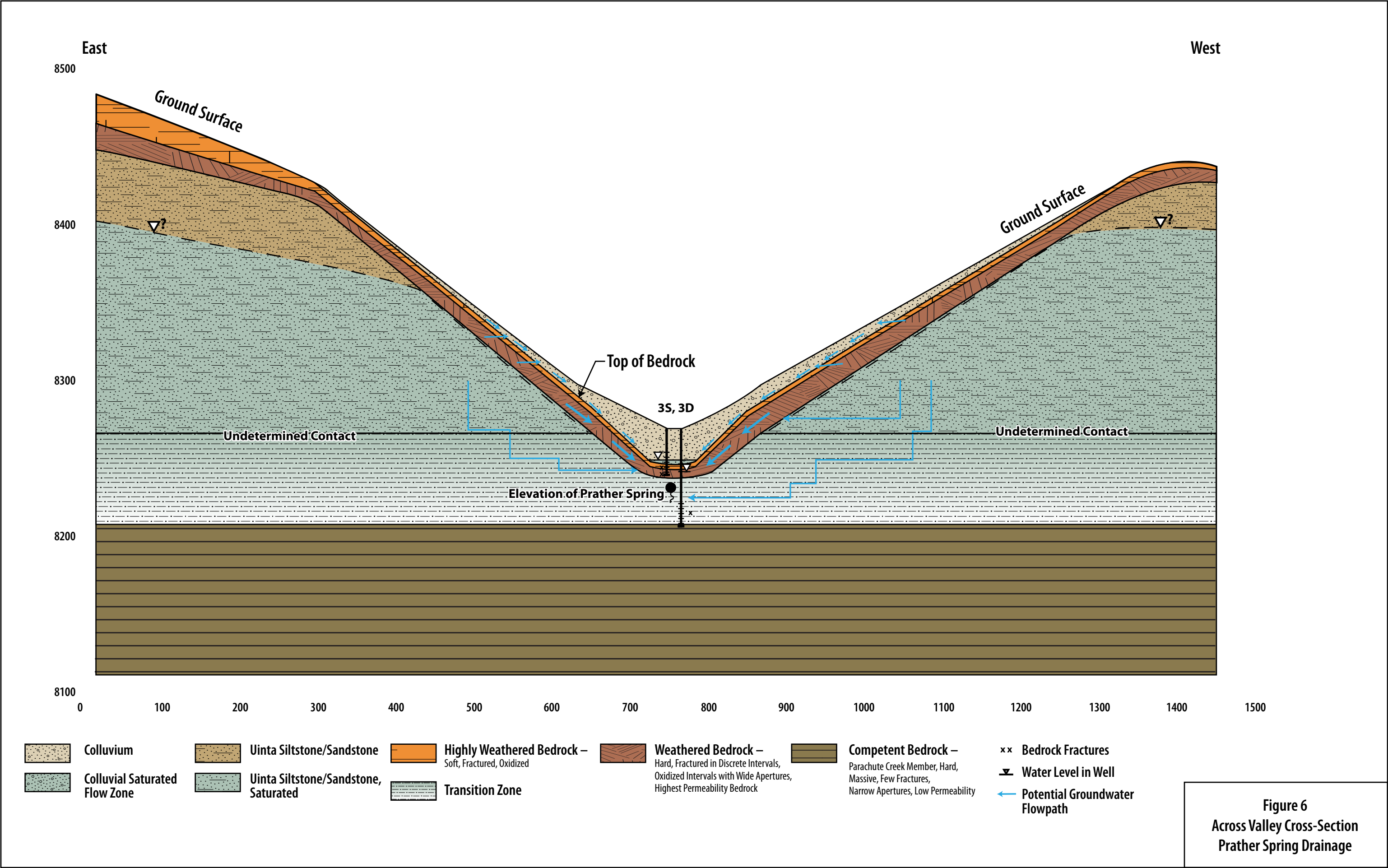
NOTES:
1. Horizontal Datum: UTM,
NAD83, Zone 13N, meters
2. Vertical Datum: NAVD29



FIGURE 5 Condensate Tank Soil Gas Sampling Locations

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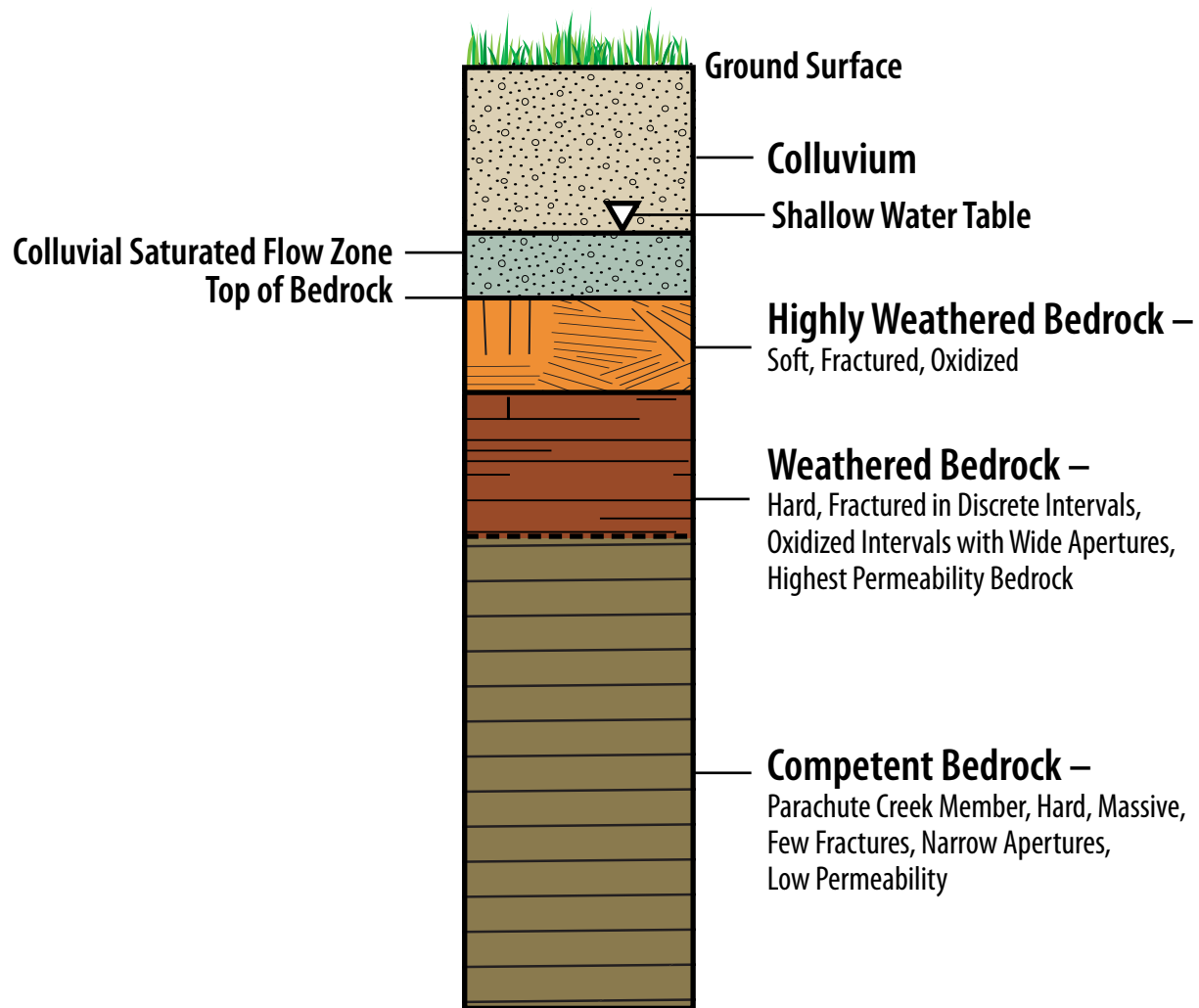


Figure 7
Unloading Stress Rock Properties

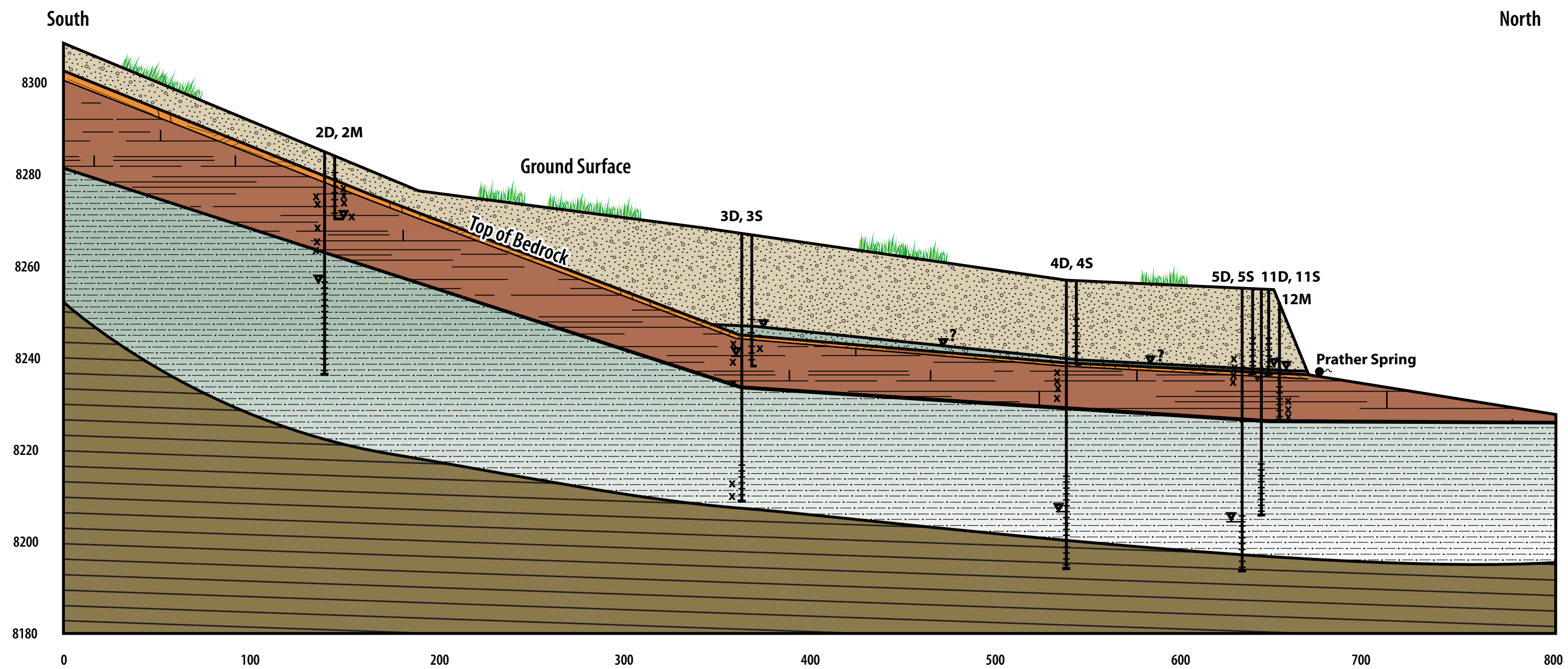
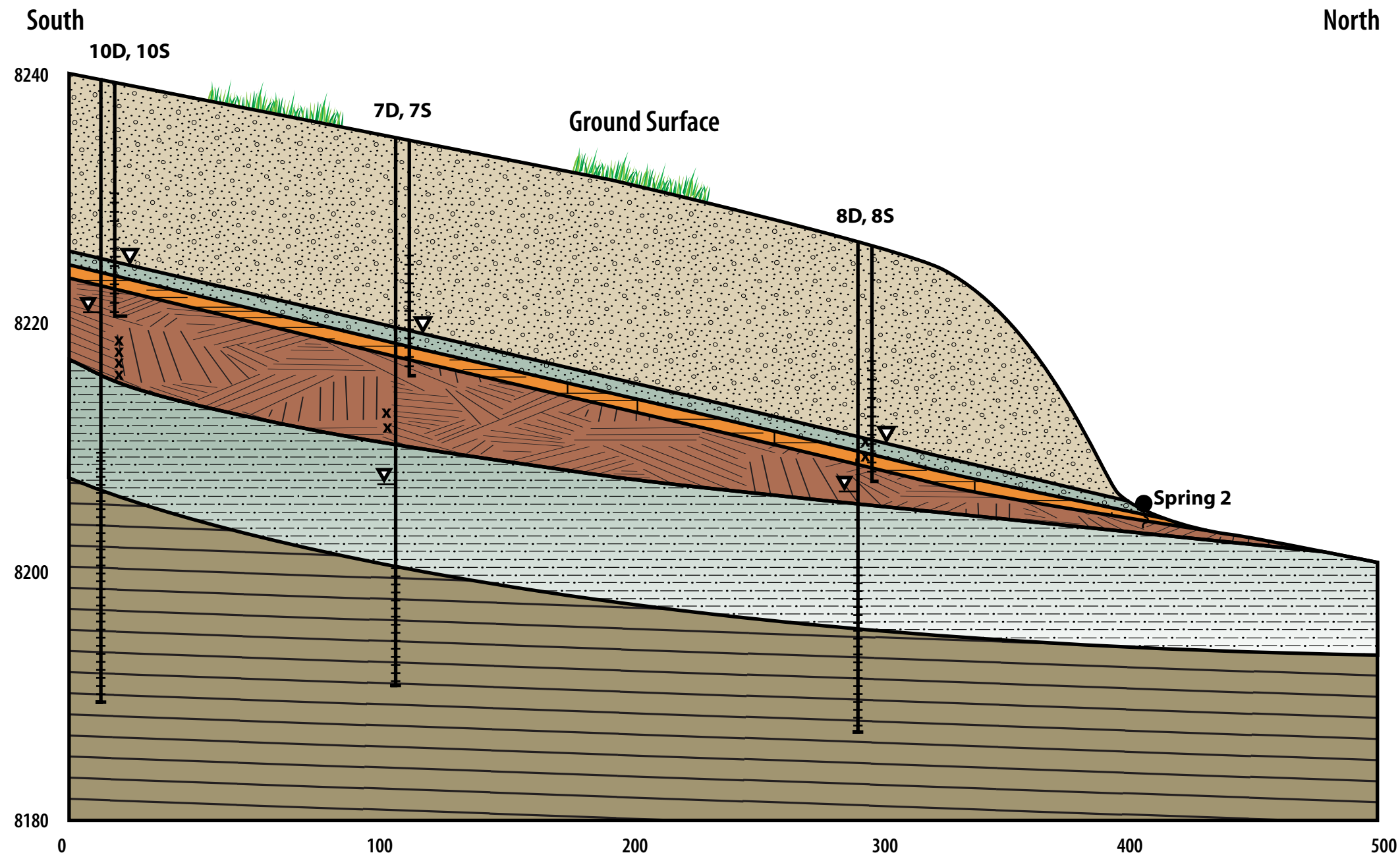


Figure 8
Hydrogeologic Cross-Section
Prather Spring Drainage



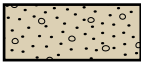


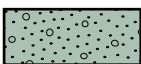
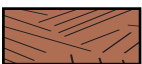

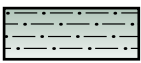

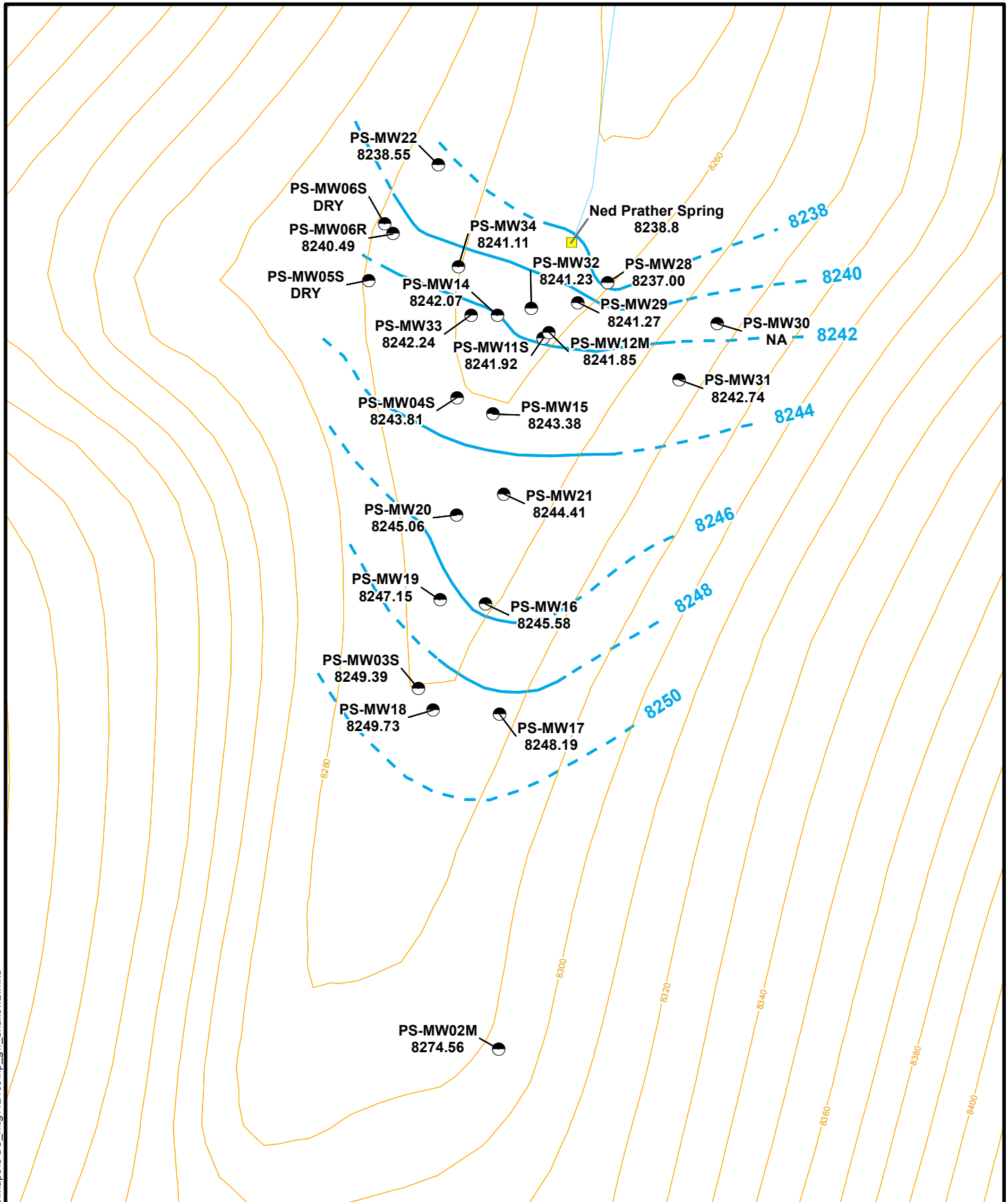
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|---|--------------------------------------|--|---|---|--|
|  | Colluvium |  | Highly Weathered Bedrock –
Soft, Fractured, Oxidized |  | Competent Bedrock –
Parachute Creek Member, Hard, Massive, Few Fractures, Narrow Apertures, Low Permeability |
|  | Colluvial Saturated Flow Zone |  | Weathered Bedrock –
Hard, Fractured in Discrete Intervals, Oxidized Intervals with Wide Apertures, Highest Permeability Bedrock |  | Bedrock Fractures |
|  | Transition Zone | | |  | Water Level in Well |

Figure 9
Hydrogeologic Cross-Section
Spring 2 Drainage

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- Surface Water Sampling Location
- Monitoring Well (Shallow)
- Topographic Contour (10-ft.)
- Creek
- Groundwater Elevation Contour (ft.)
 - Interpreted
 - Inferred

80 0 80
Feet

NOTES:
1. Coordinate System: UTM,
NAD83, Zone 13N, meters
2. Vertical Datum: NAVD29

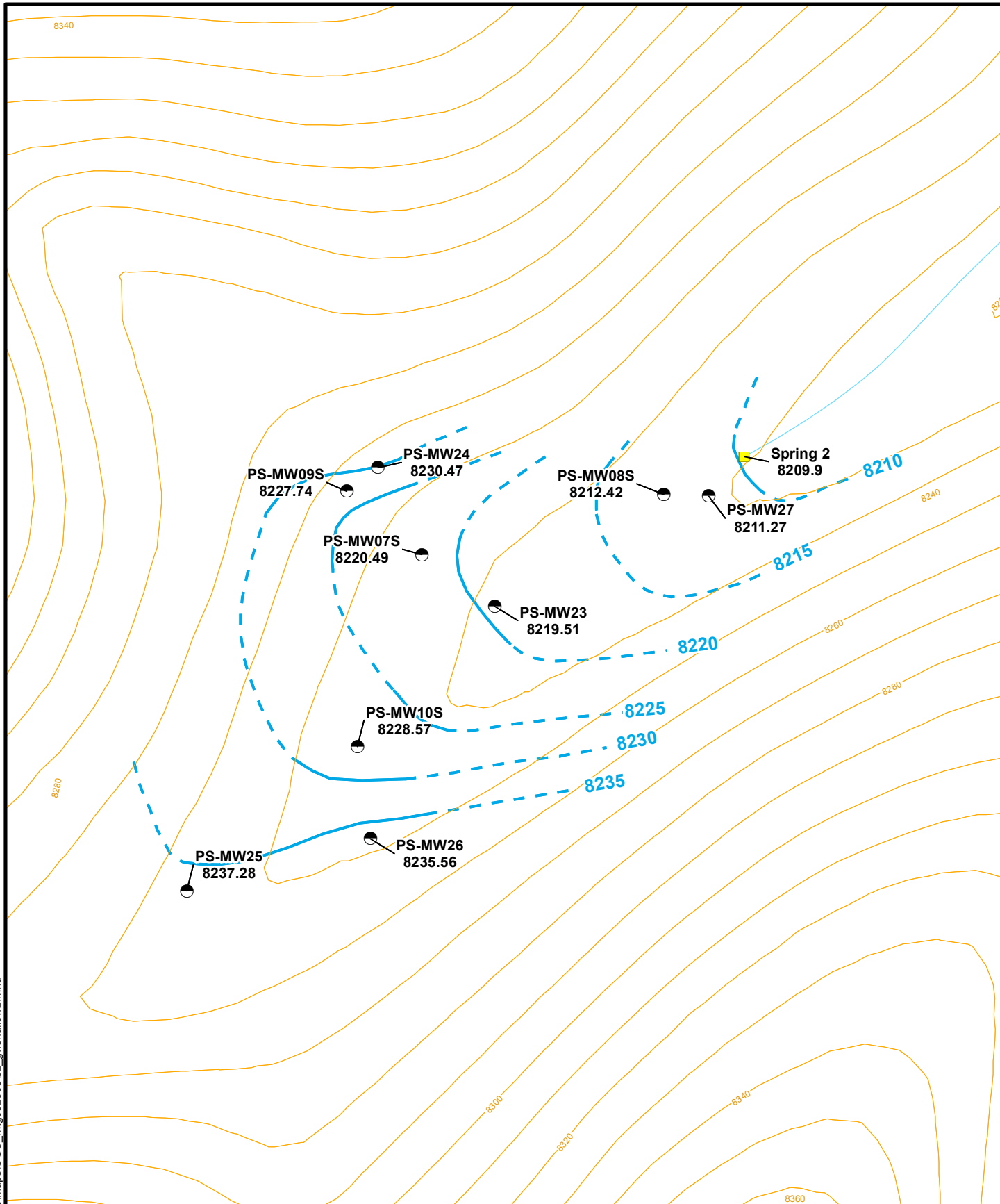
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FIGURE 10 Ned Prather Spring Area
Shallow Potentiometric
Map (October 2008)

Phase I Prather Spring Site Investigation

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- Surface Water Sampling Location
 - Monitoring Well (Shallow)
 - Topographic Contour (10-ft.)
 - Creek
- Groundwater Elevation Contour (ft.)**
- Interpreted
 - Inferred

100 0 100
Feet

NOTES:
1. Horizontal Datum: UTM,
NAD83, Zone 13N, meters
2. Vertical Datum: NAVD29

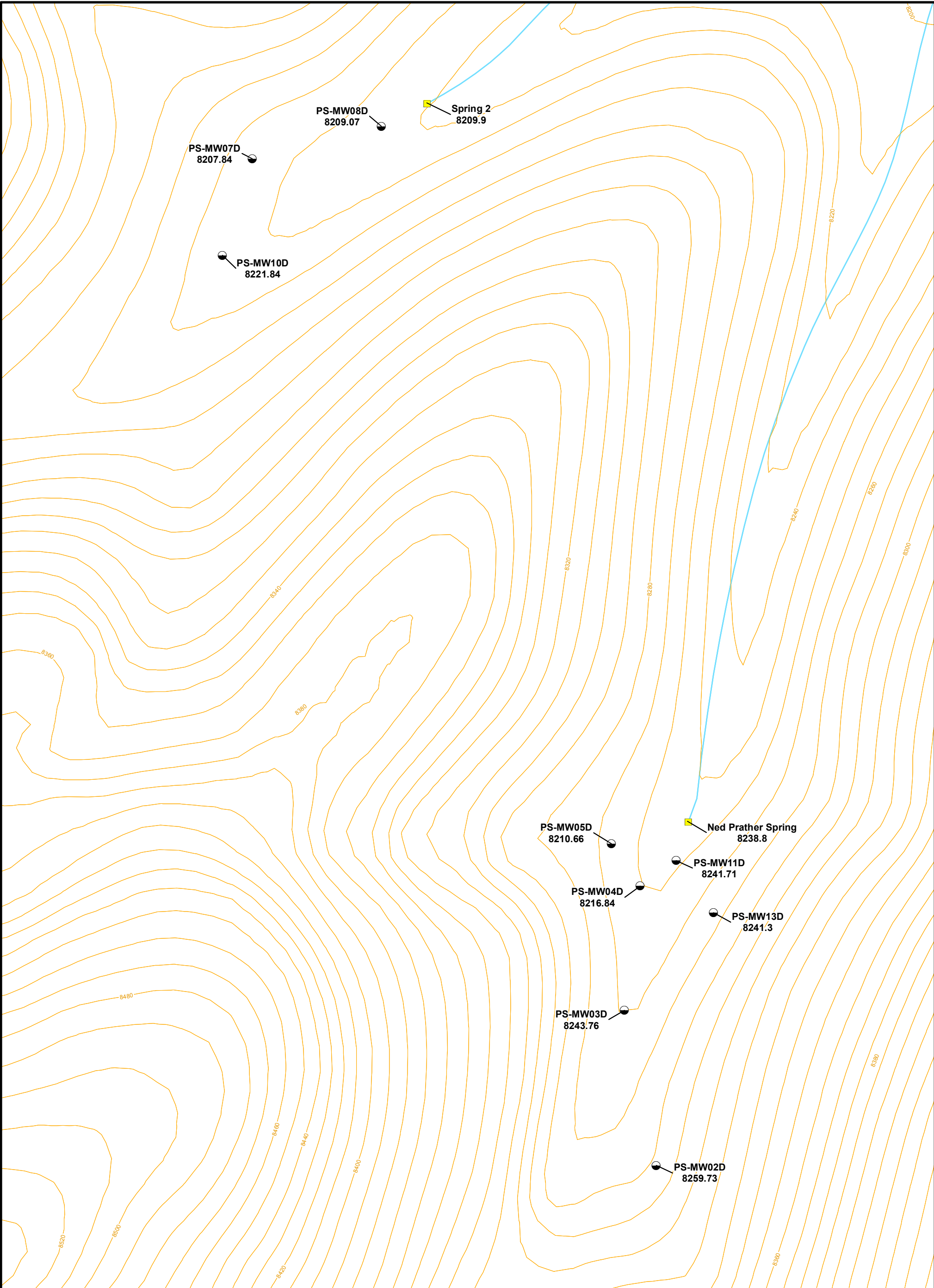
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FIGURE 11 Spring 2 Area Shallow Potentiometric Map (October 2008)

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Symbol

Surface Water Sampling Location

Monitoring Well (Deep)

Creek

Topographic Contour (10-ft.)

NOTES:
1. Horizontal Datum: UTM,
NAD83, Zone 13N, meters
2. Vertical Datum: NAVD29

1250

Feet

Scale 1:1500 or 1" = 125 feet



FIGURE 12 Spring 2 Area and Ned Prather Area Deep Groundwater Elevations (October 2008)

Phase I Prather Spring Site Investigation

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