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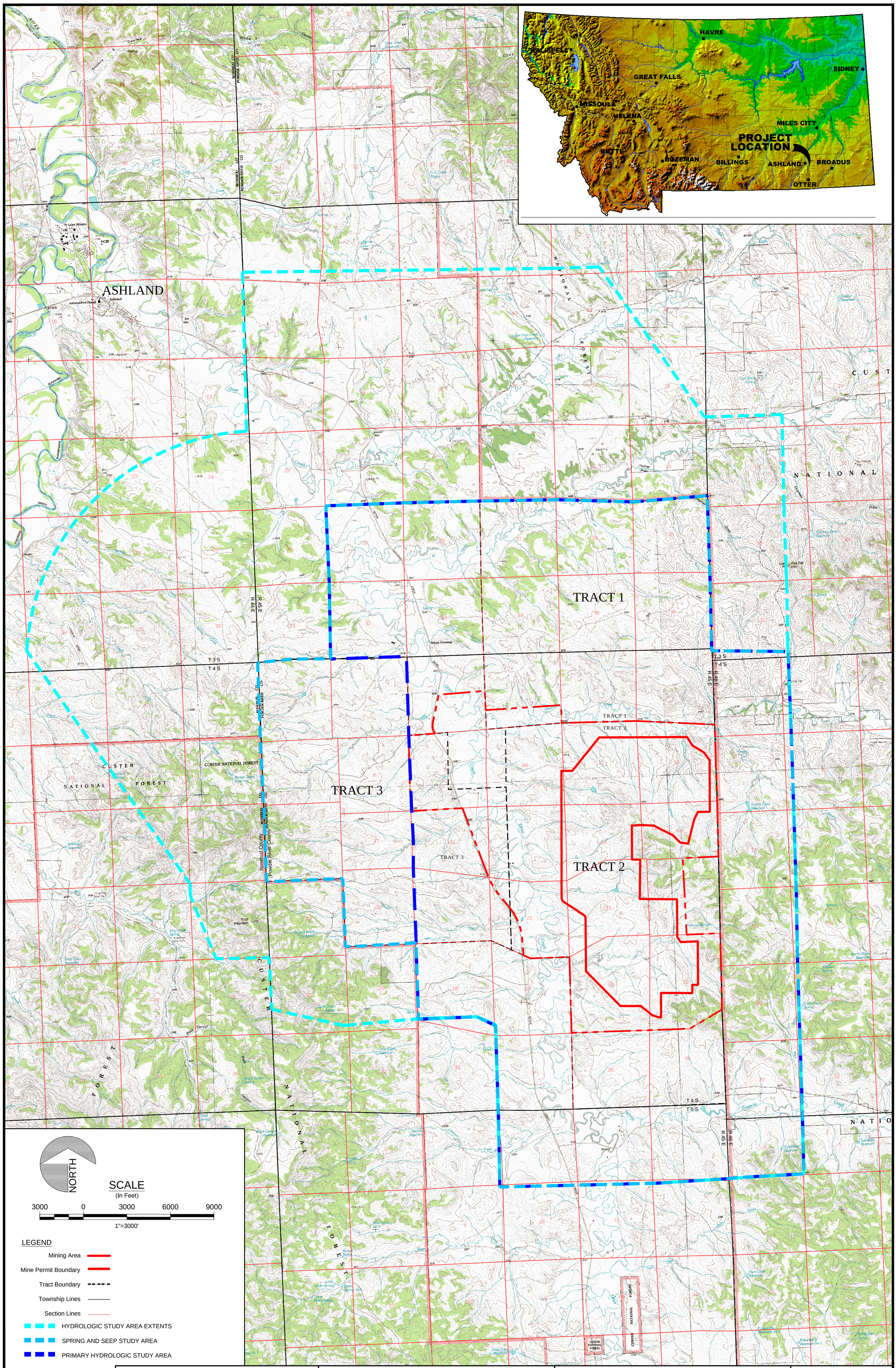

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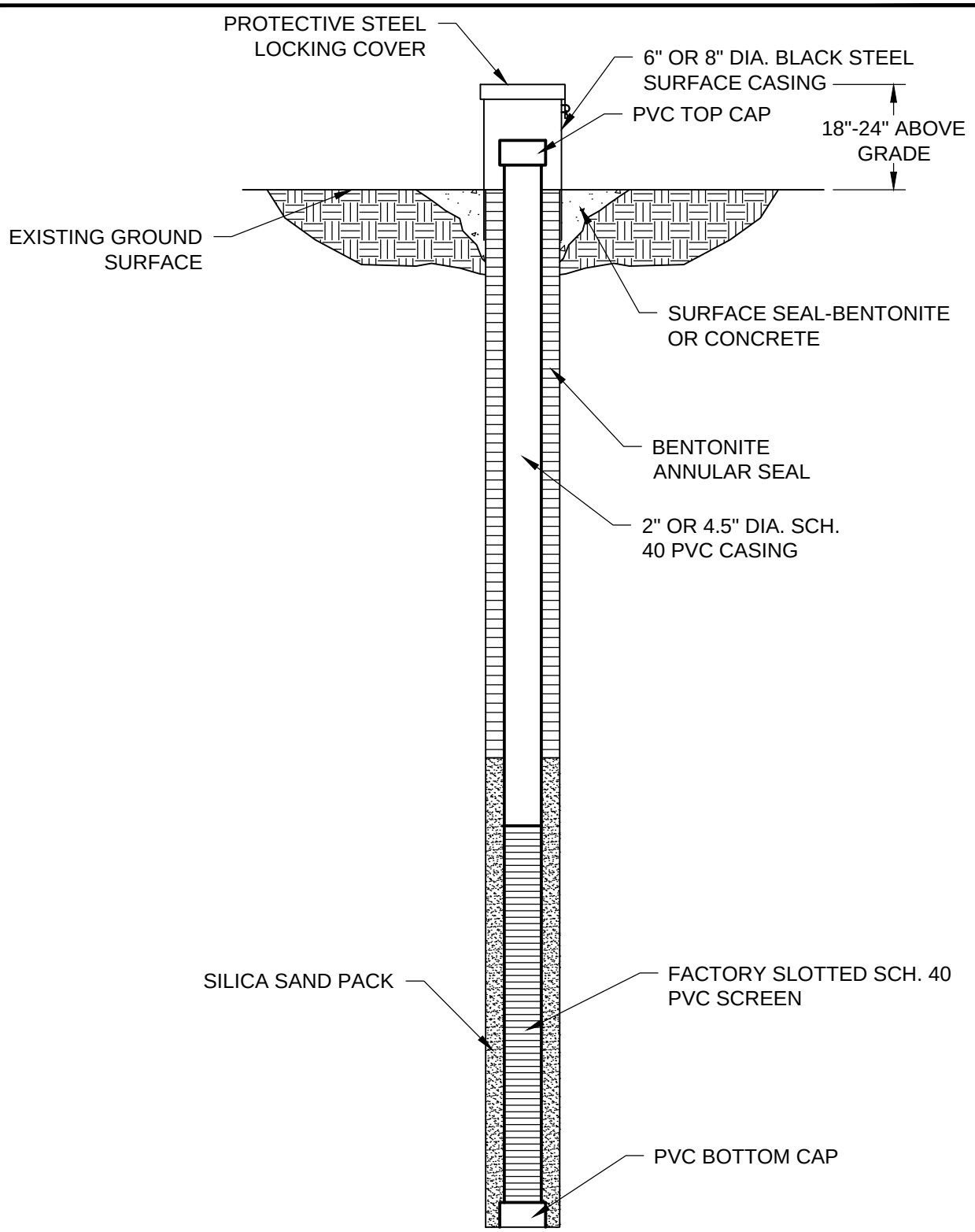
SITE LOCATION AND STUDY AREA

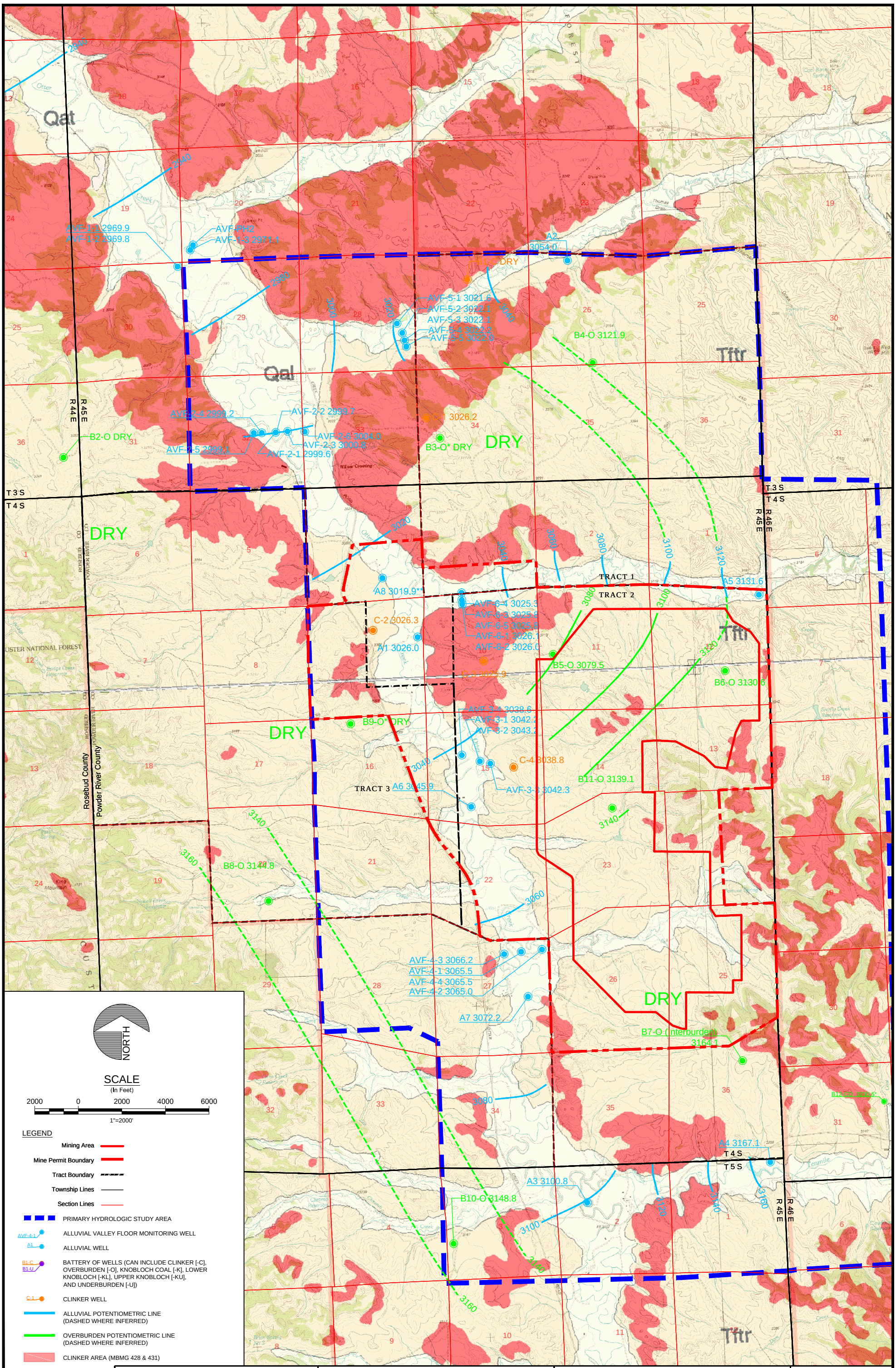
DRAWING FILE NUMBER
FIG1-1_SITE_LOCATION_AND_STUDY_AREA_R1_2014
AUTOCAD 2000 DRAWING (DWG)
FIGURE
1-1



TYPICAL MONITORING WELL COMPLETION DETAILS FOR ALLUVIAL AND BEDROCK WELLS

NOT TO SCALE

OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**TYPICAL MONITORING WELL CONSTRUCTION**	FIGURE **2-1**



* - GROUNDWATER ELEVATION MEASURED IN JUNE 2014

** - GROUNDWATER ELEVATION MEASURED IN JULY 2014

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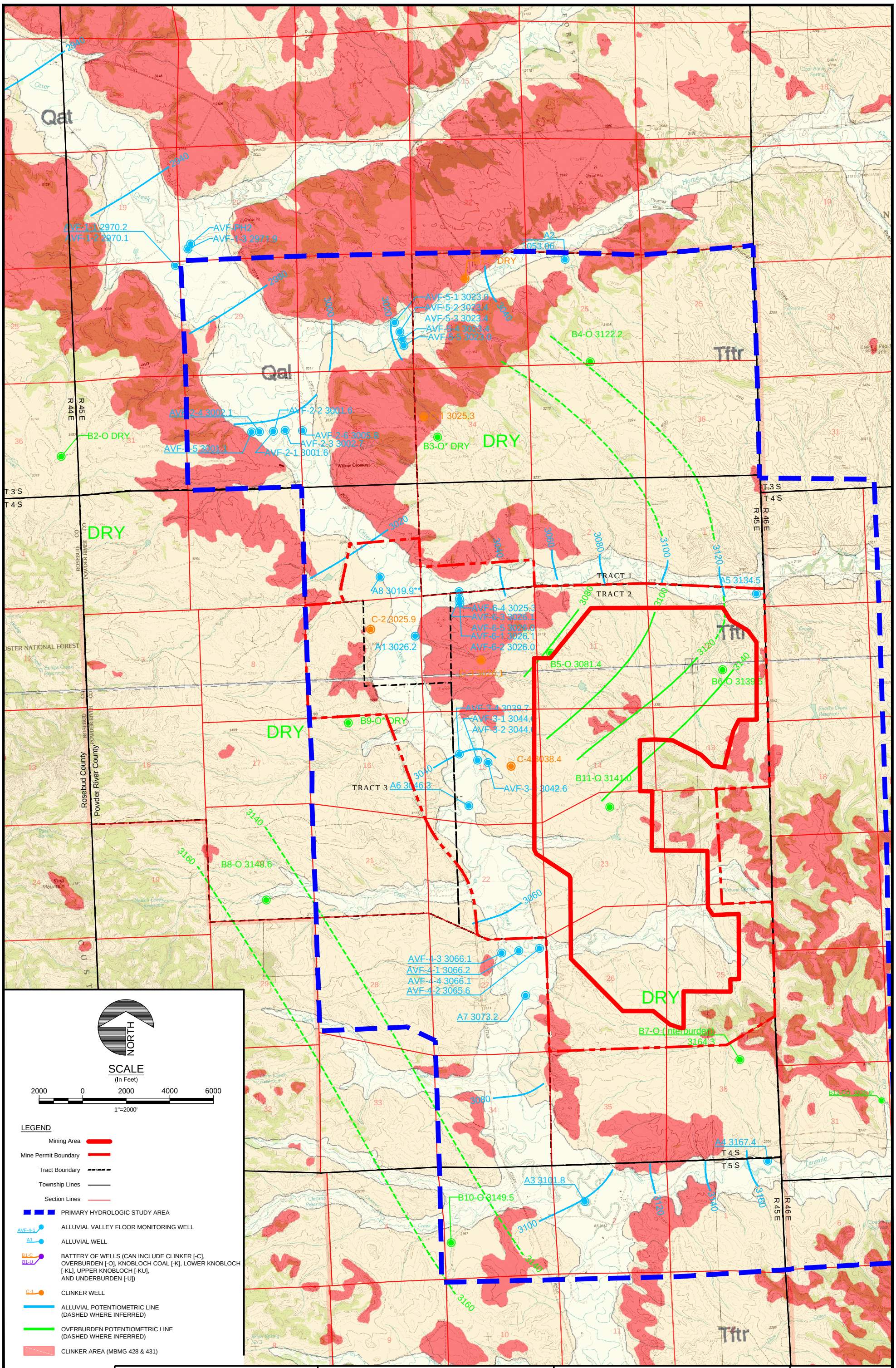
GROUNDWATER ELEVATIONS IN THE ALLUVIUM, CLINKER, AND OVERBURDEN (AUGUST 2011)

DRAWING FILE NUMBER
FIG2-2_GW_ELEVATIONS_IN_THE_ALLUVIUM_CLINKER_AND_OVERBURDEN_R1_201108
AUTOCAD 2000 DRAWING (DWG)

FIGURE
2-2

UPDATE TIME: 1:53 PM
L:\WORK\VHEL\20140929\V\LAND PROJECTS\OTRCR\DWG\304E\FIG2-2_GW_ELEVATIONS_IN_THE_ALLUVIUM_CLINKER_AND_OVERBURDEN_R1_201108.DWG



* - GROUNDWATER ELEVATION MEASURED IN JUNE 2014

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GROUNDWATER ELEVATIONS IN THE ALLUVIUM, CLINKER, AND OVERBURDEN (MARCH 2012)

DRAWING FILE NUMBER
FIG2-3_LOW_ELEVATIONS_IN_THE_ALLUVIUM_CLINKER_AND_OVERBURDEN_R1_201203
AUTOCAD 2000 DRAWING (DWG)
FIGURE
2-3

UPDATE TIME: 2:04 PM
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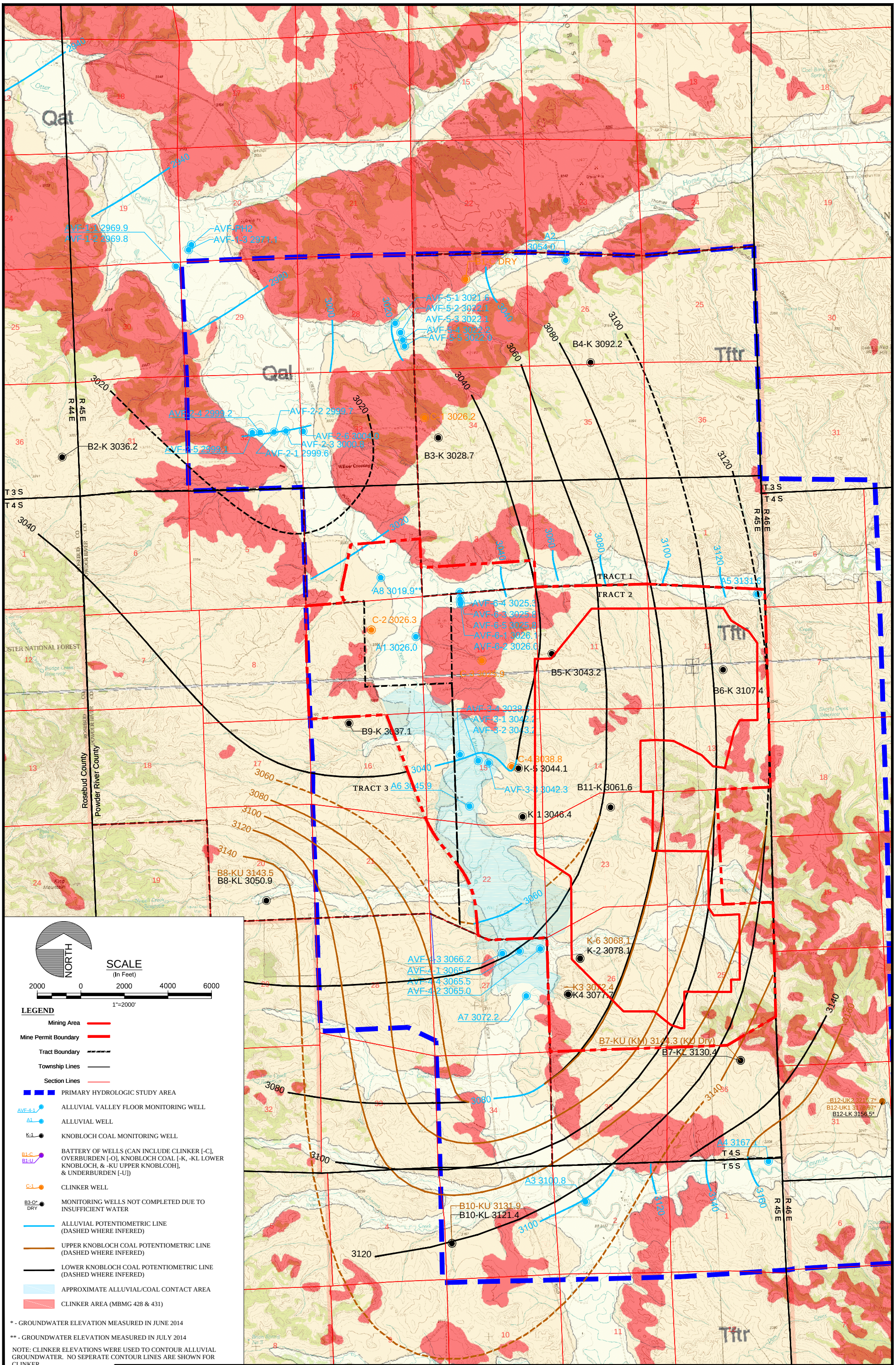

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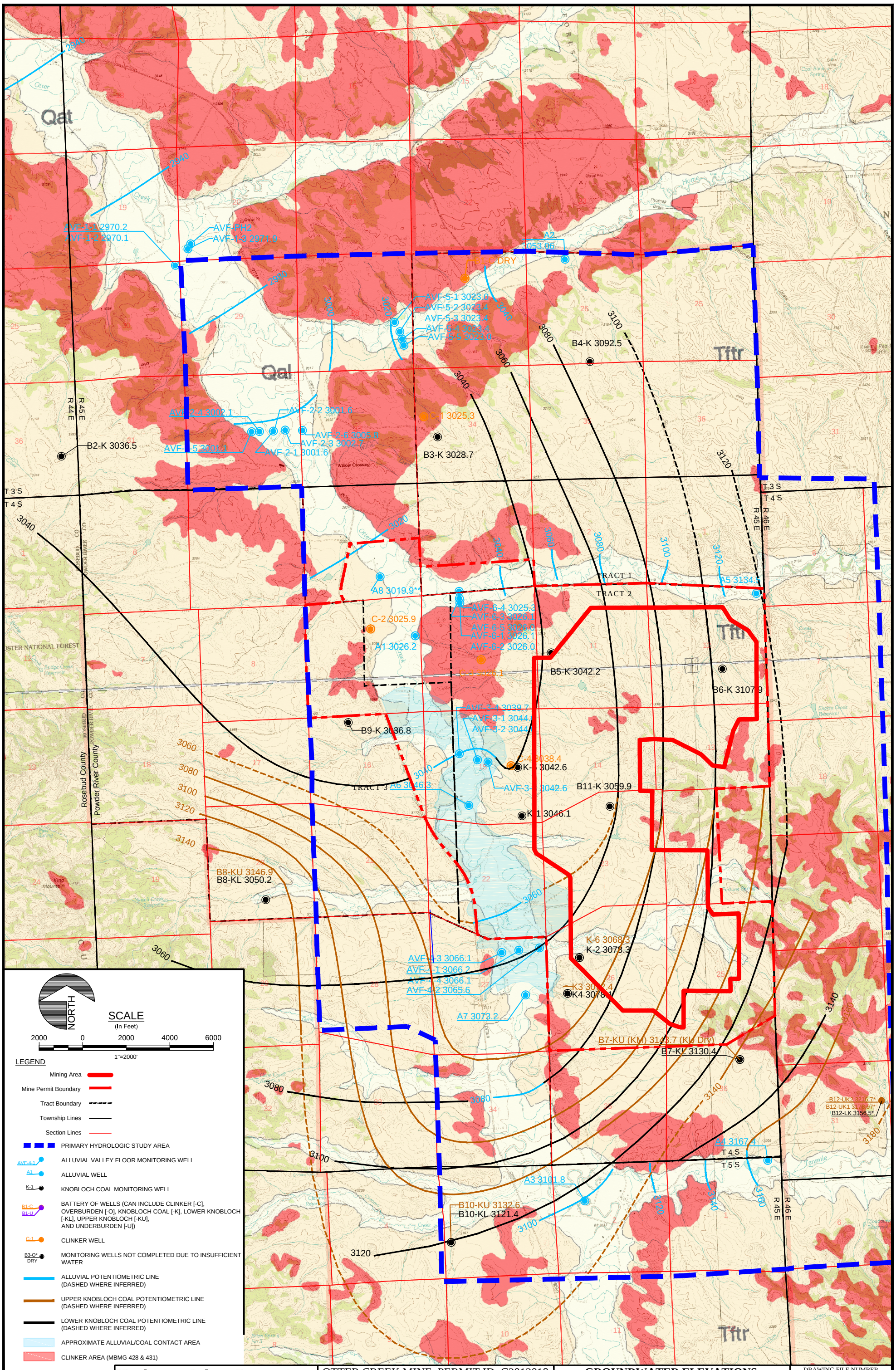
GROUNDWATER ELEVATIONS IN THE ALLUVIUM, CLINKER, AND KNOBLOCH COAL (AUGUST 2011)

DRAWING FILE NUMBER
FIG2-4_GW_ELEVATIONS_IN_THE_ALLUVIUM_CLINKER_AND_KNOBLOCH_COAL_R1_201108
AUTOCAD 2000 DRAWING (DWG)
FIGURE
2-4

UPDATE TIME: 2:48 PM
JBERGIN\VEL\20141010\V\LAND PROJECTS\OTTER\DWG\304E\FIG2-4_GW_ELEVATIONS_IN_THE_ALLUVIUM_CLINKER_AND_KNOBLOCH_COAL_R1_201108.DWG



* - GROUNDWATER ELEVATION MEASURED IN JUNE 2014

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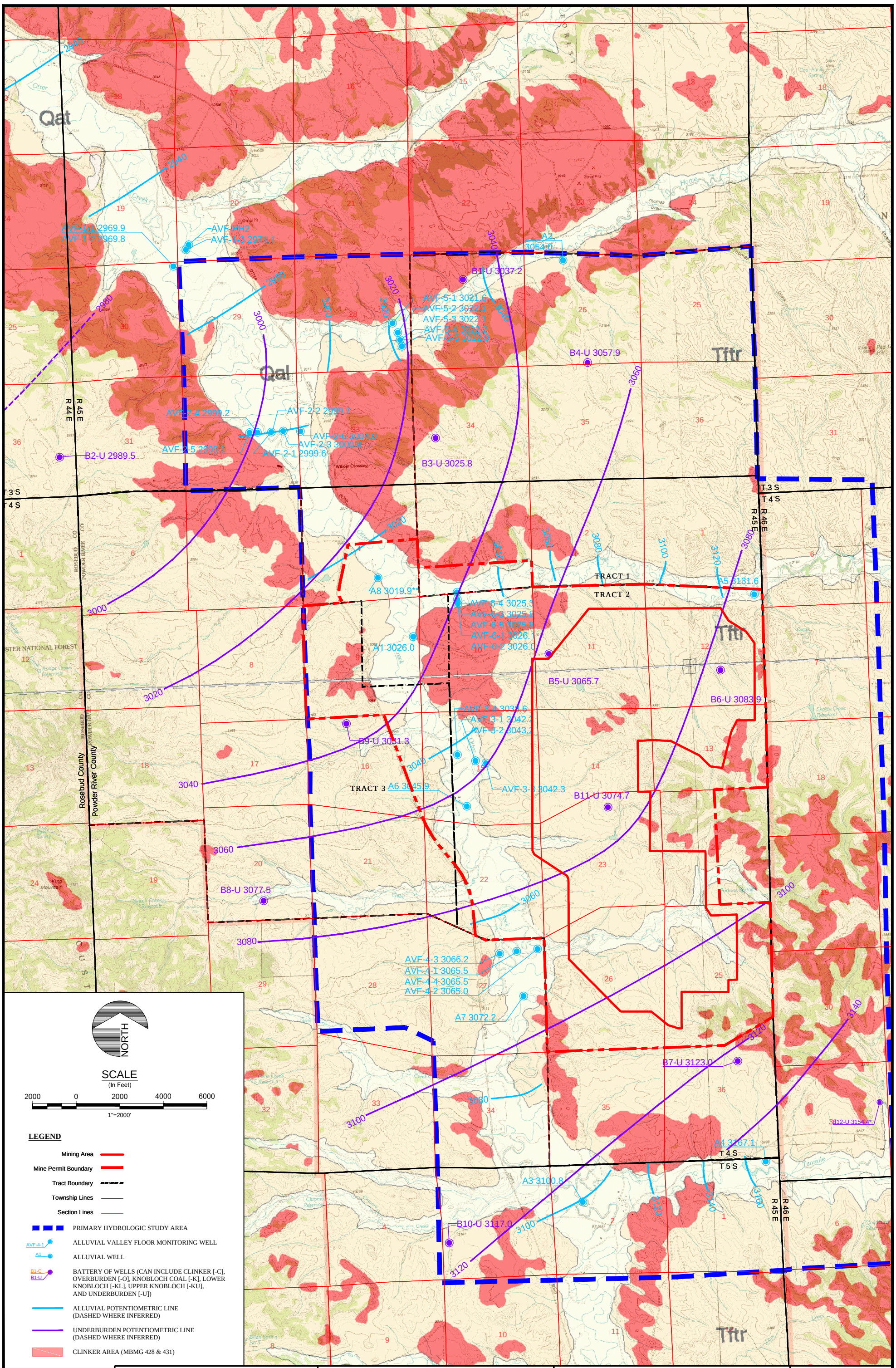
GROUNDWATER ELEVATIONS IN THE ALLUVIUM, CLINKER, AND KNOBLOCH COAL (MARCH 2012)

DRAWING FILE NUMBER
2-5_GW_ELEVATIONS_IN_THE_ALLUVIUM_CLINKER_AND_KNOBLOCH_COAL_R1_201203
AUTOCAD 2000 DRAWING (DWG)
FIGURE
2-5

UPDATE TIME: 2:40 PM
L:\BORSKY\HEL\20140923\X\LAND PROJECTS\OTRCK\DWG\304E\FIG2-5_GW_ELEVATIONS_IN_THE_ALLUVIUM_CLINKER_AND_KNOBLOCH_COAL_R1_201203.DWG



* - GROUNDWATER ELEVATION MEASURED IN JUNE 2014

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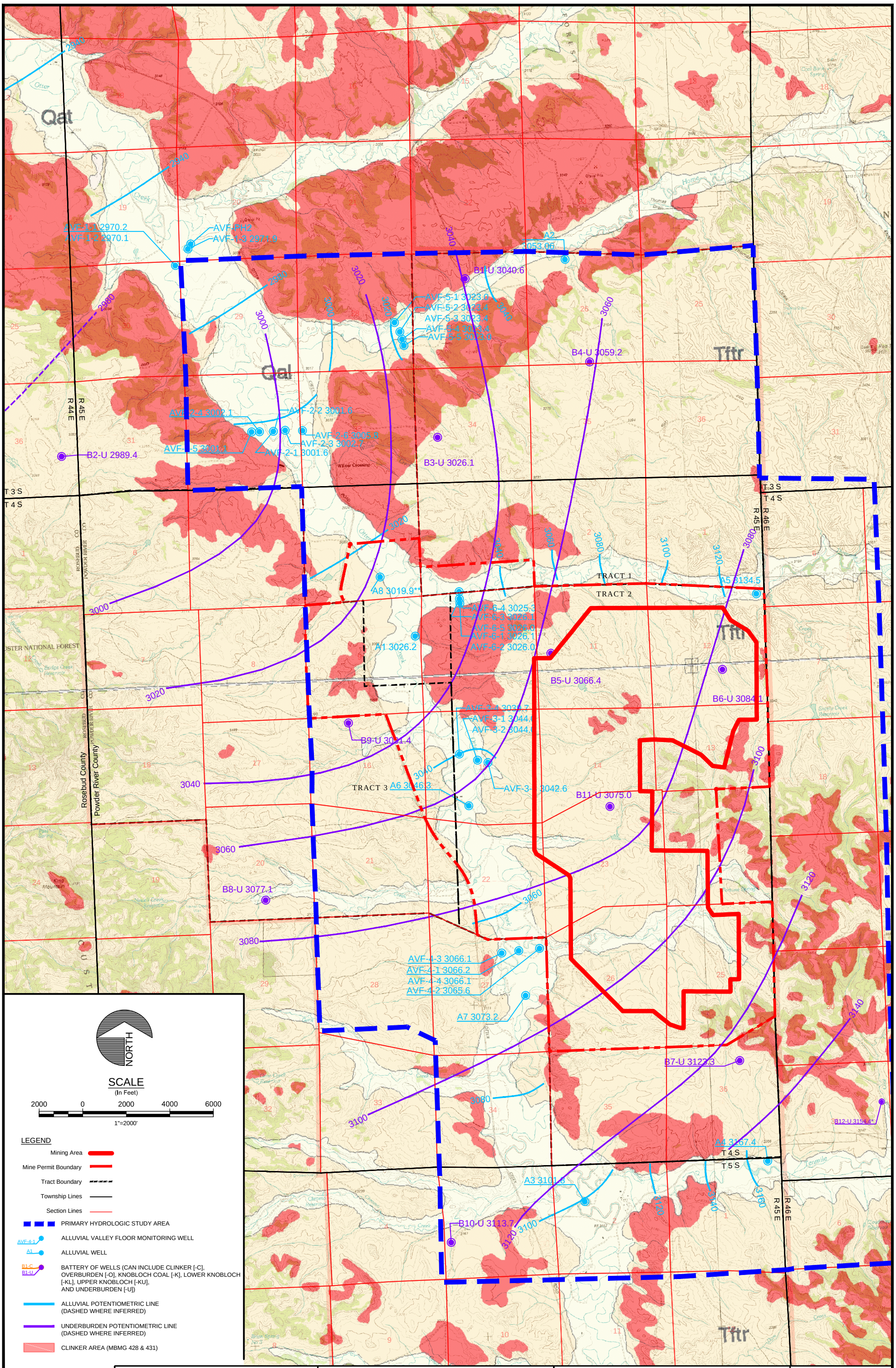
TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT

GROUNDWATER ELEVATIONS IN THE ALLUVIUM AND UNDERBURDEN (AUGUST 2011)

DRAWING FILE NUMBER
FIG2-6_GW_ELEVATIONS_IN_THE_ALLUVIUM_AND_UNDERBURDEN_R1_201108
AUTOCAD 2000 DRAWING (DWG)
FIGURE
2-6

UPDATE TIME: 3:32 PM
L:\ROKSK\HEL\20140929\!\LAND PROJECTS\OTRCR\DWG\304E\FIG2-6_GW_ELEVATIONS_IN_THE_ALLUVIUM_AND_UNDERBURDEN_R1_201108.DWG



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TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT

GROUNDWATER ELEVATIONS IN THE ALLUVIUM AND UNDERBURDEN (MARCH 2012)

DRAWING FILE NUMBER
FIG2-7_GW_ELEVATIONS_IN_THE_ALLUVIUM_AND_UNDERBURDEN_R1_201203
AUTOCAD 2000 DRAWING (DWG)
FIGURE
2-7

UPDATE TIME: 3:43 PM
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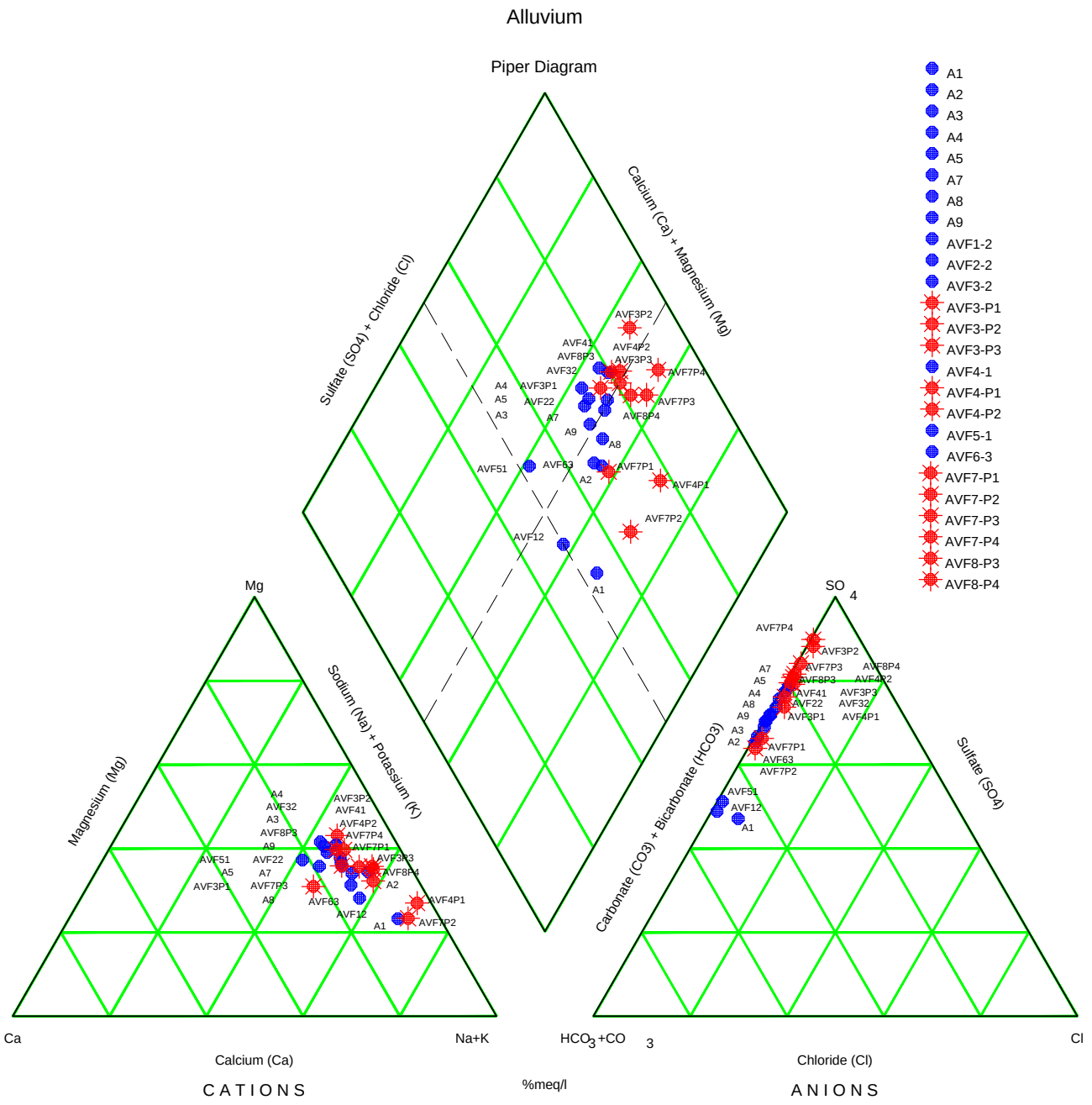

OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**PIPER DIAGRAM ALLUVIUM**	FIGURE **2-8**

UPDATE TIME: 3:51 PM
LTABORSKY\BIL\20140929\I:\LAND PROJECTS\OTRCR\DWG\304E\FIG2-8_PIPER_DIAGRAM_ALLUVIUM_R1_2014.DWG

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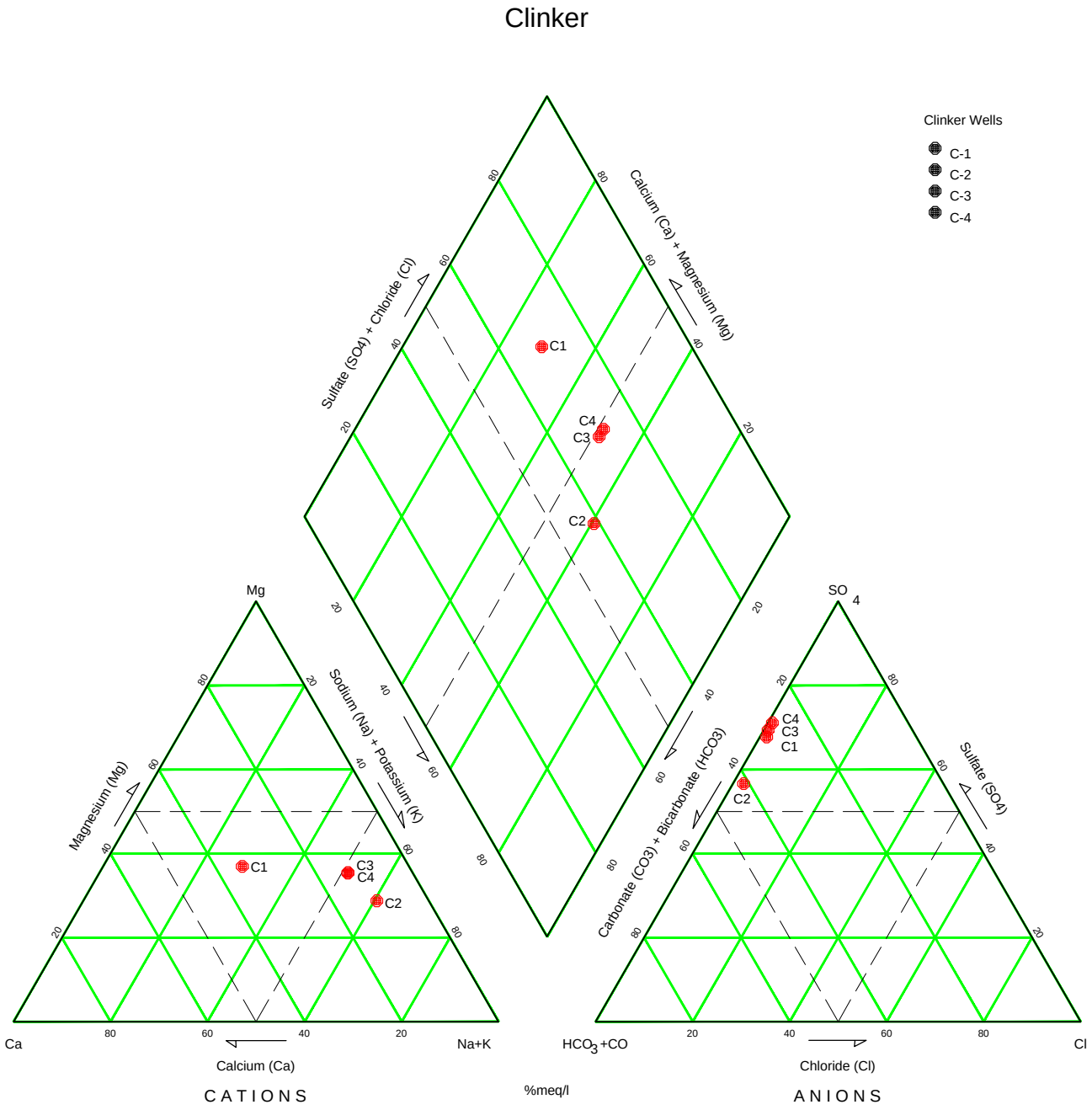

OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**PIPER DIAGRAM CLINKER**	FIGURE **2-9**

UPDATE TIME: 9:28 AM
LTABORSKY\BIL\20140930\I:\LAND PROJECTS\OTRCR\DWG\304E\FIG2-9_PIPER_DIAGRAM_CLINKER_R1_2014.DWG

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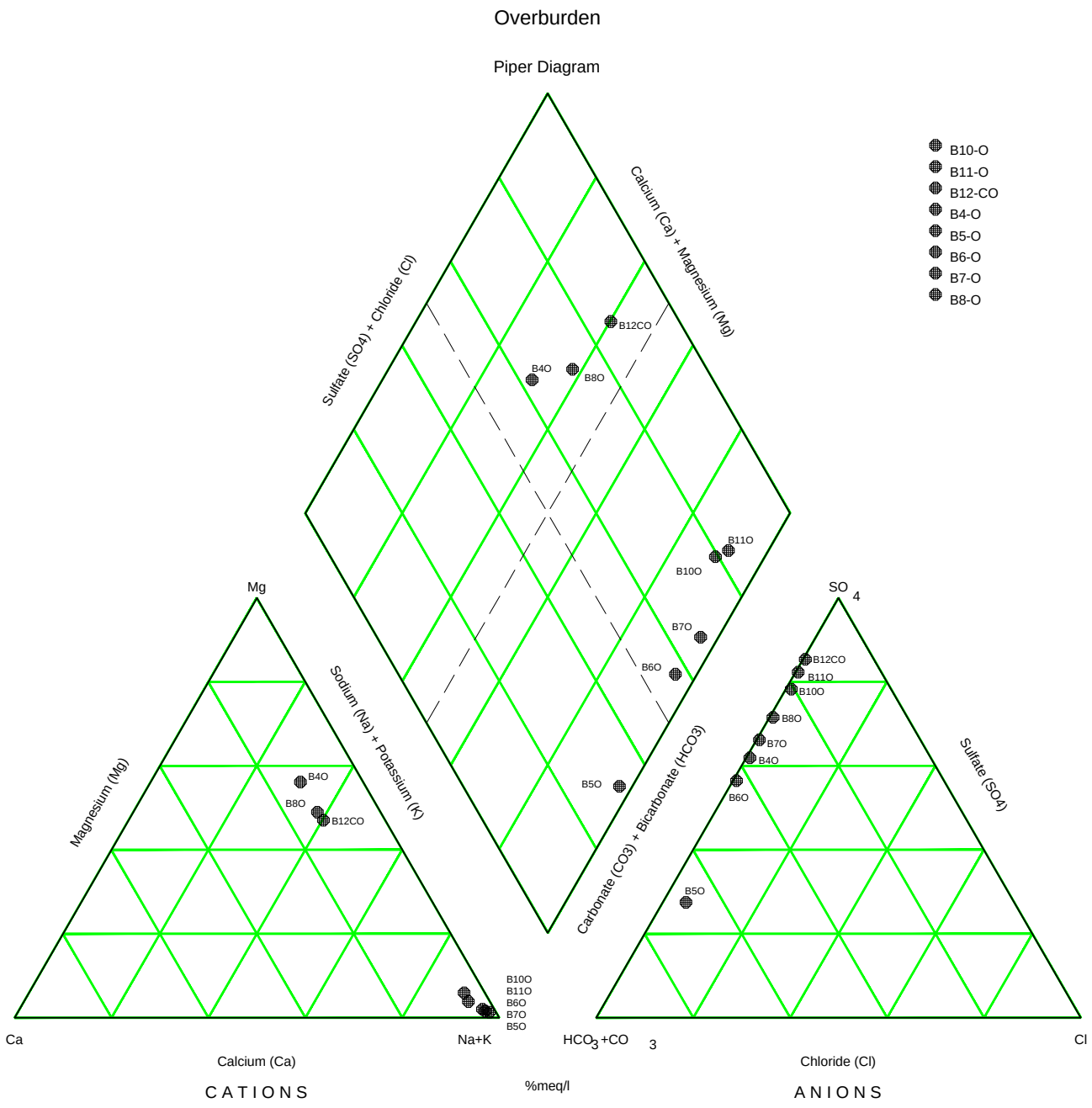

OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**PIPER DIAGRAM OVERBURDEN**	FIGURE **2-10**

UPDATE TIME: 3:58 PM
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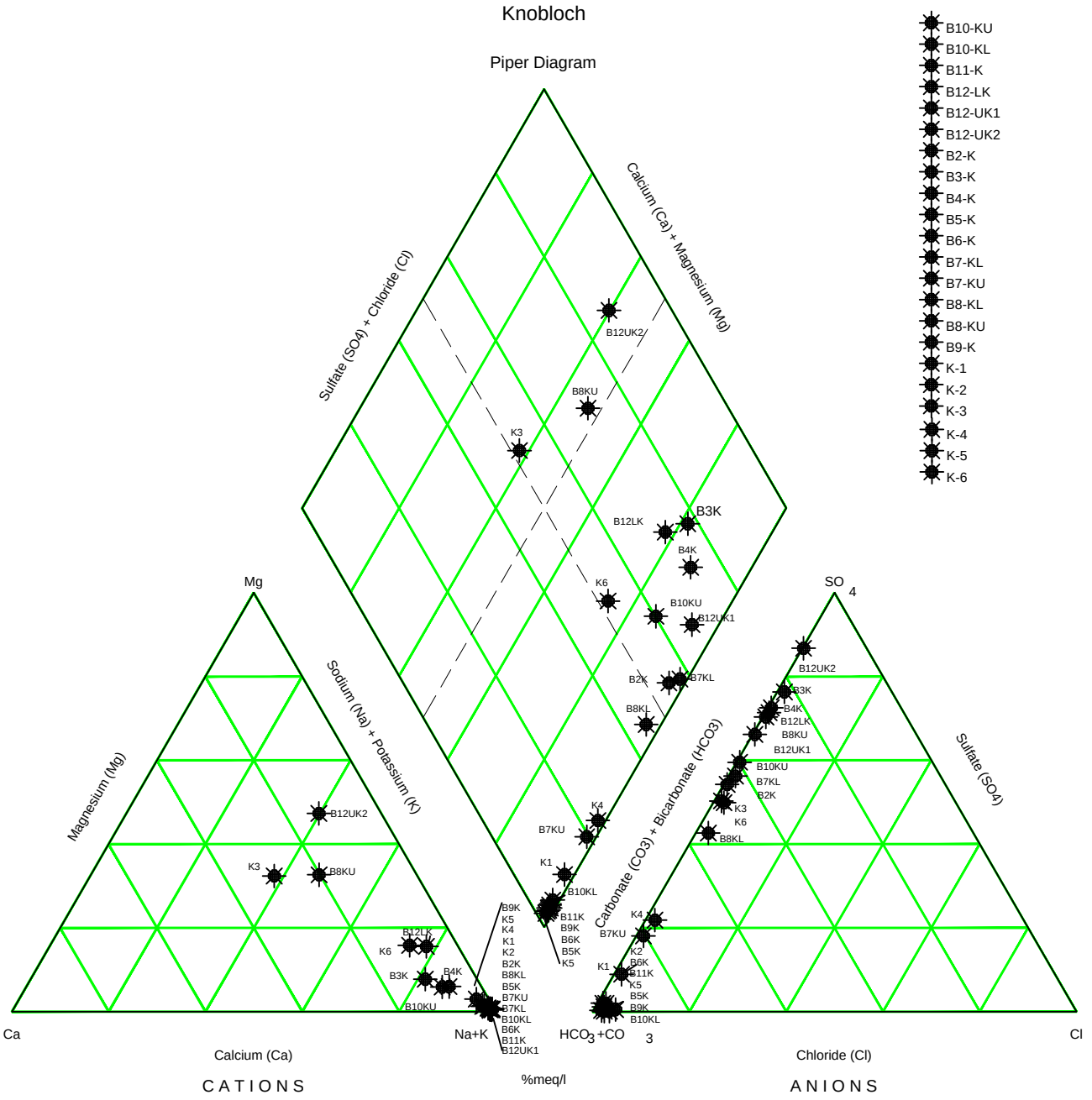

OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**PIPER DIAGRAM KNOBLOCH**	FIGURE **2-11**

UPDATE TIME: 3:55 PM
LTABORSKY\BIL\20140929\I:\LAND PROJECTS\OTRCR\DWG\304E\FIG2-11_PIPER_DIAGRAM_KNOBLOCH_R1_2014.DWG

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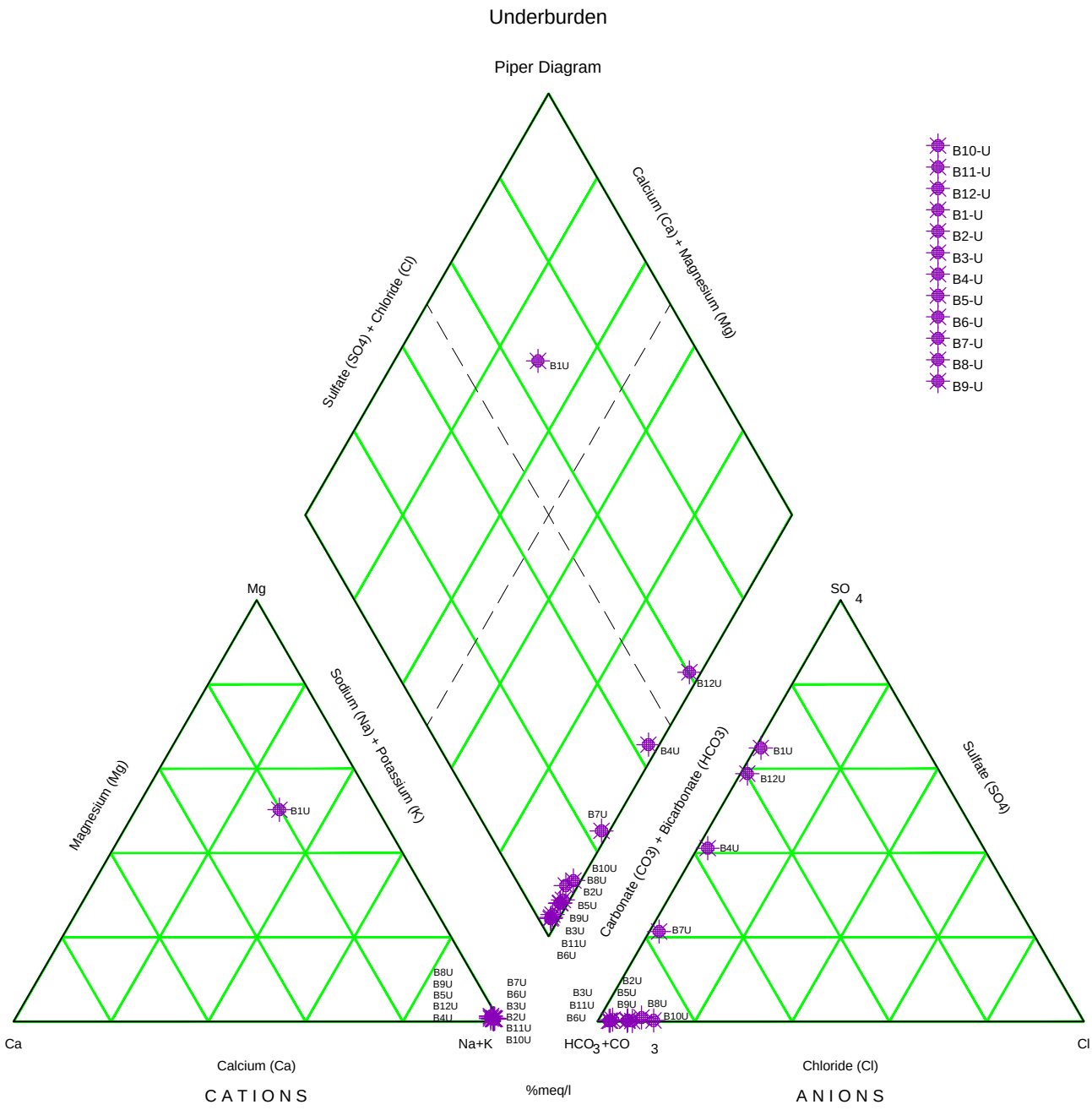

OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**PIPER DIAGRAM UNDERBURDEN**	FIGURE **2-12**

UPDATE TIME: 9:26 AM
LTABORSKY\BIL\20140930\I:\LAND PROJECTS\OTRCR\DWG\304E\FIG2-12_PIPER_DIAGRAM_UNDERBURDEN_R1_2014.DWG

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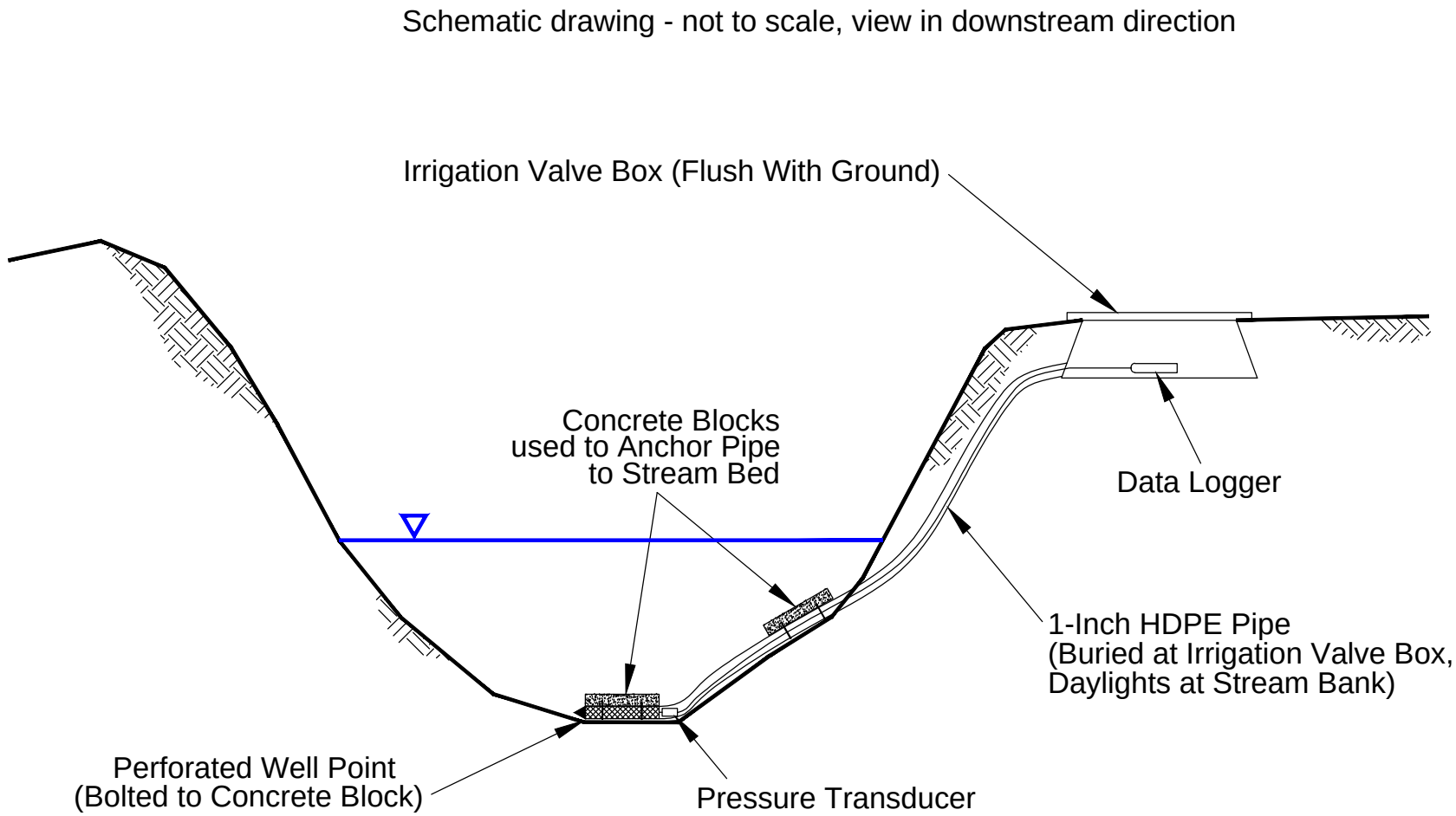

OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**TYPICAL STILLING WELL**	FIGURE **3-1**

UPDATE TIME: 3:46 PM
LTABORSKY\BIL\20141001\I:\LAND PROJECTS\OTRCR\DWG\304E\FIG3-1_TYPICAL_STILLING_WELL_R1_2014.DWG
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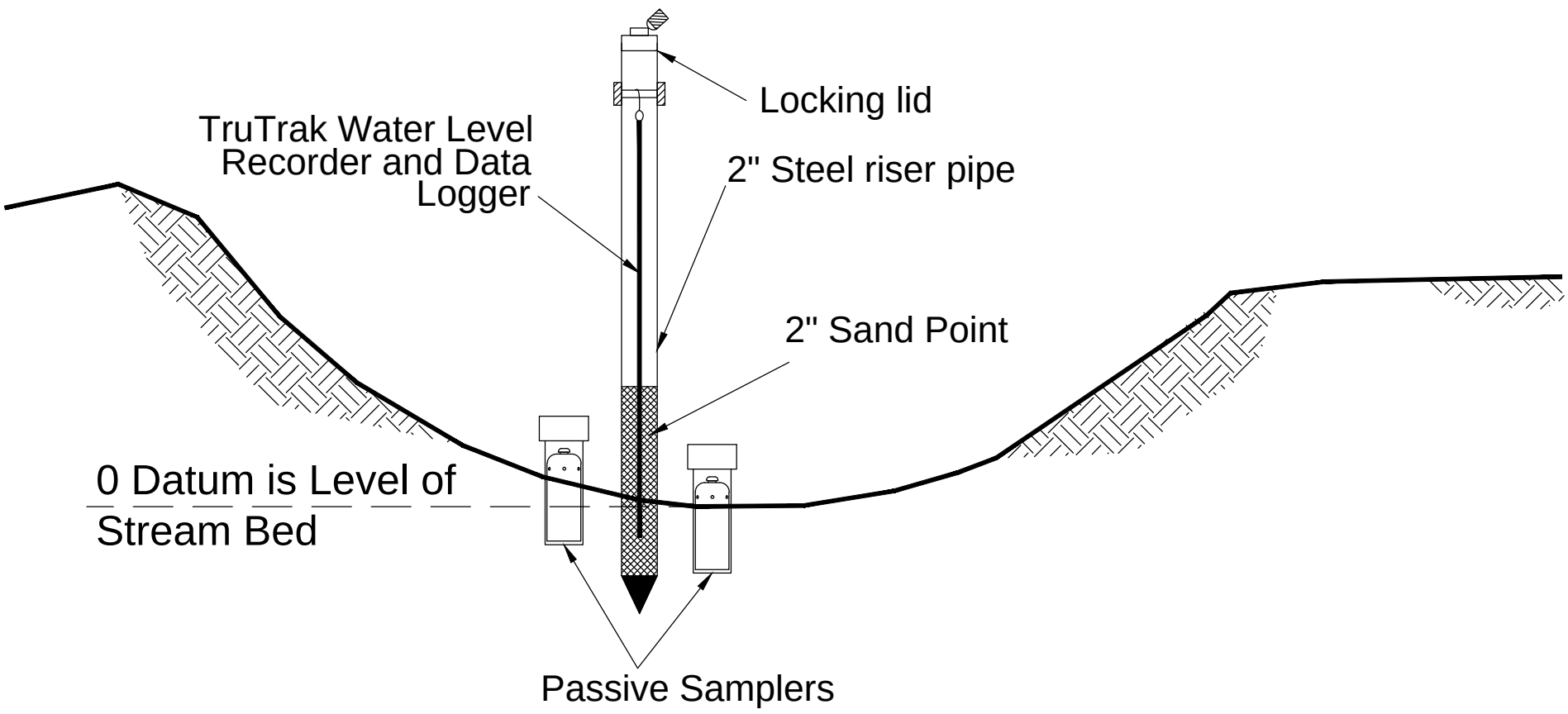
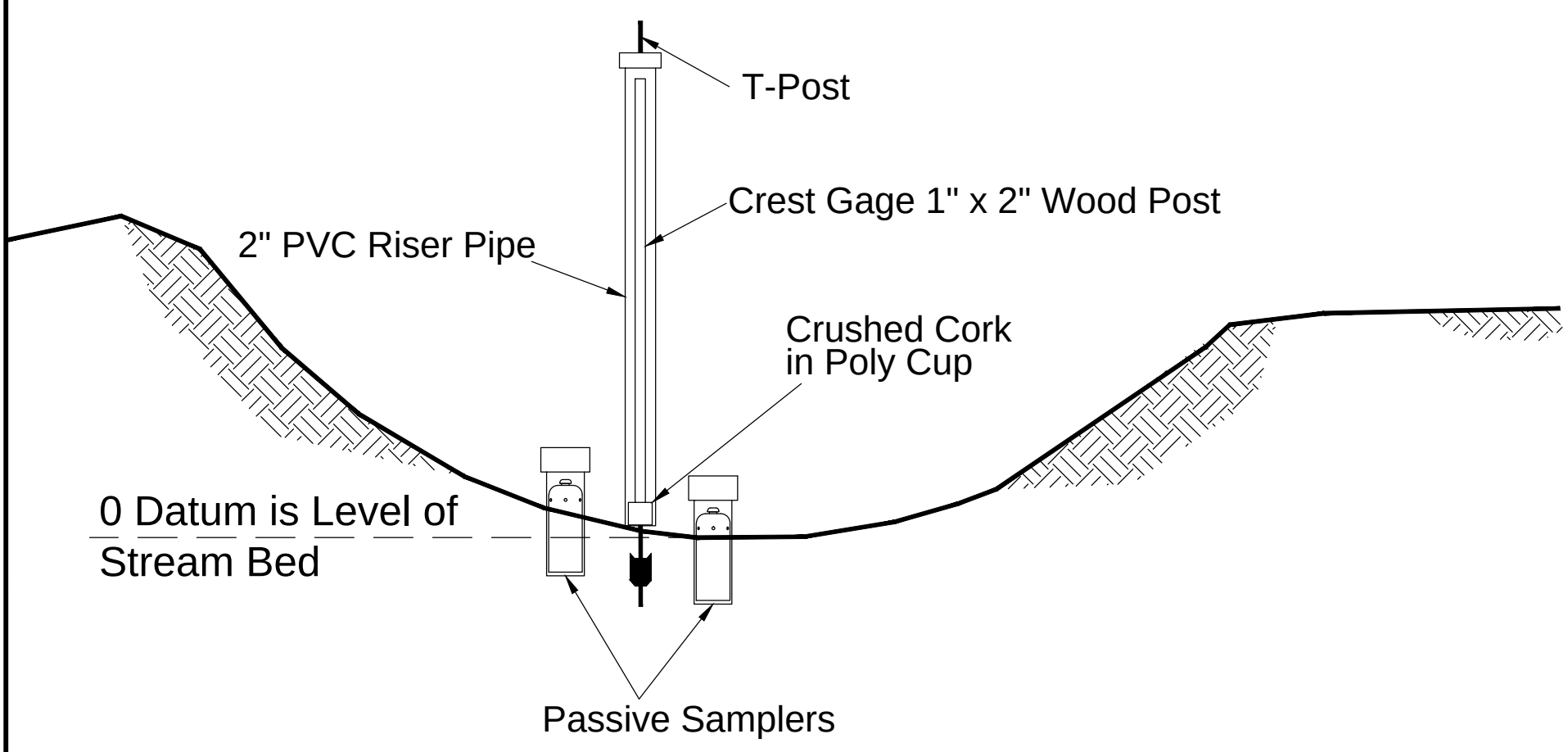
UPDATE TIME: 4:13 PM
LTABORSKY\HEL\20141001\I:\LAND PROJECTS\OTRCR\DWG\304E\FIG3-2_TYPICAL_EPHEMERAL_SURFACE_WATER_SITE_INSTRUMENTATION_R1_2014.DWG

Typical Sand Point With Capacitance Probe and Passive Samplers



Typical Crest Gage



Schematic Drawings - Not to Scale, View in Downstream Direction

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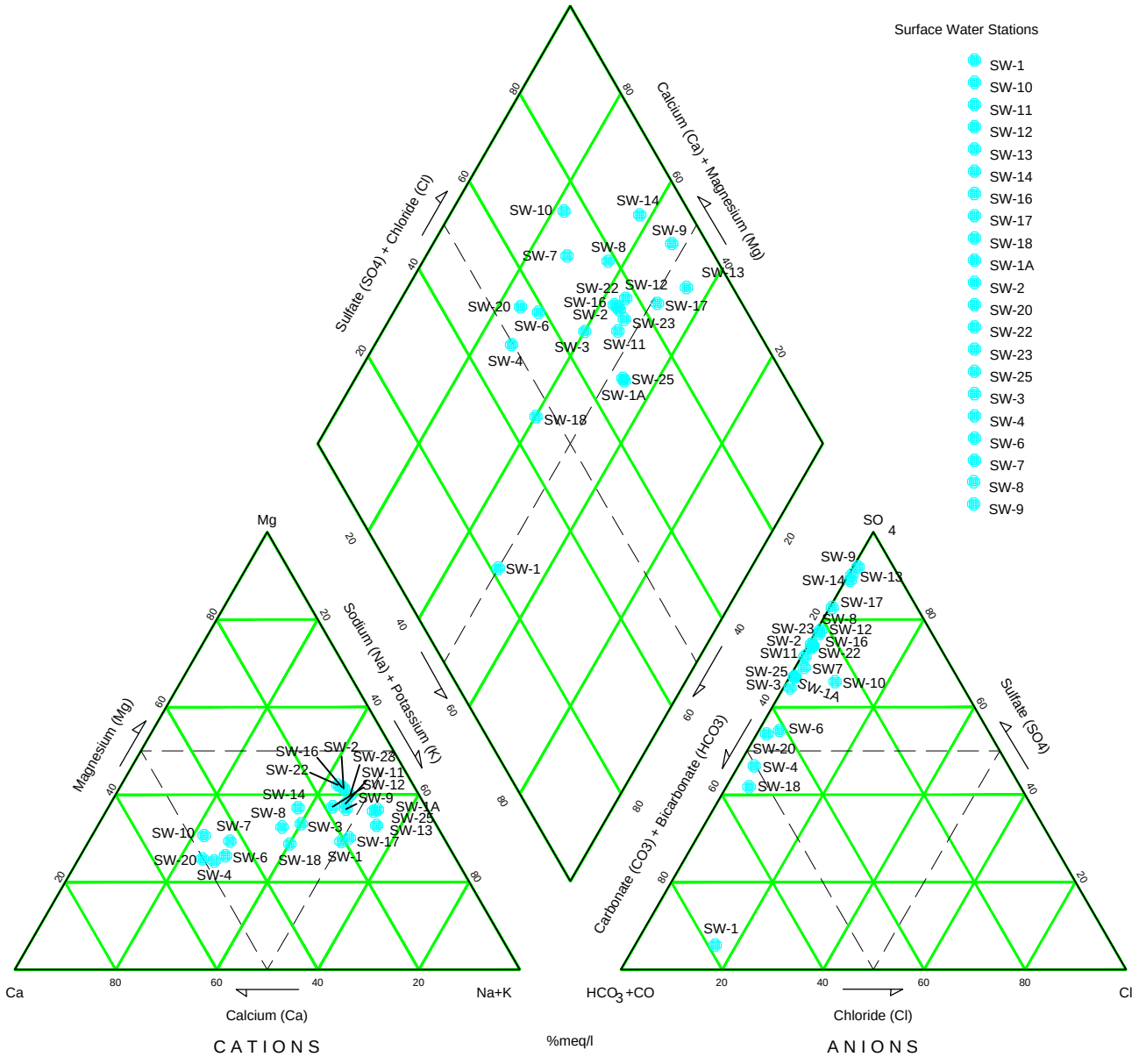
OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**TYPICAL EPHEMERAL SURFACE WATER SITE INSTRUMENTATION**	FIGURE **3-2**

Surface Water



OTTER CREEK MINE, PERMIT ID: C2012018 BASELINE REPORT 304E TRACTS 1, 2, AND 3 BASELINE WATER RESOURCES DATA REPORT	**PIPER DIAGRAM SURFACE WATER**	FIGURE **3-3**

UPDATE TIME: 4:17 PM
LTABORSKY\BIL\20141001\I:\LAND PROJECTS\OTRCR\DWG\304E\FIG3-3_PIPER_DIAGRAM_SURFACE_WATER_R1_2014.DWG

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