

US EPA ARCHIVE DOCUMENT

**FLORENCE COPPER, INC.
UIC PERMIT APPLICATION
FLORENCE COPPER PROJECT – PRODUCTION TEST FACILITY**

**ATTACHMENT F – MAPS & CROSS SECTIONS OF
GEOLOGIC LITHOLOGY**

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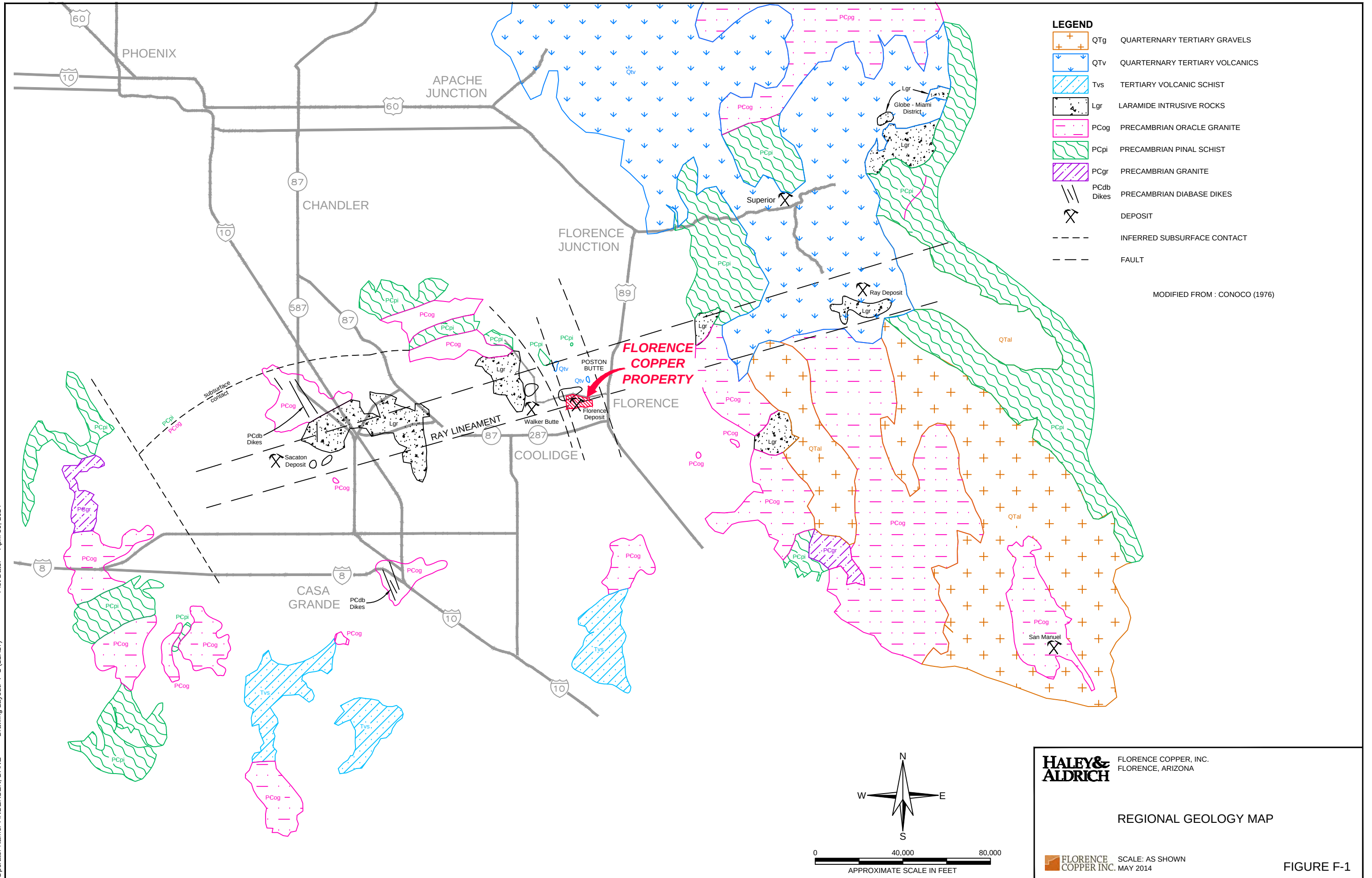
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F.1 Introduction

This Attachment F has been prepared in support of an Application by Florence Copper, Inc. (Florence Copper) to the United States Environmental Protection Agency (USEPA) for issuance of an Underground Injection Control Class III (Area) Permit (UIC Permit) for the planned Production Test Facility (PTF), to be located at the Florence Copper Project (FCP) property in Pinal County, Arizona. As required for Attachment F of USEPA Form 7520-6, this Attachment includes maps and cross sections depicting the geologic structure in the area of the PTF and the FCP site.

Figure F-1 shows the regional geologic structure in the vicinity of the FCP property. Figures F-2 and F-3 show the locations of regional and site scale cross sections depicted on Figures F-4 through F-10. Figure F-11 is a cross-section location map showing the location of two cross sections that transect the PTF well field. Figures F-12 and F-13 are site scale cross sections that transect the PTF well field.

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Operator Name: ANDERSEN, DANE
Plot Date: April 30, 2014
Drawing Layout: F-1 (11X17)



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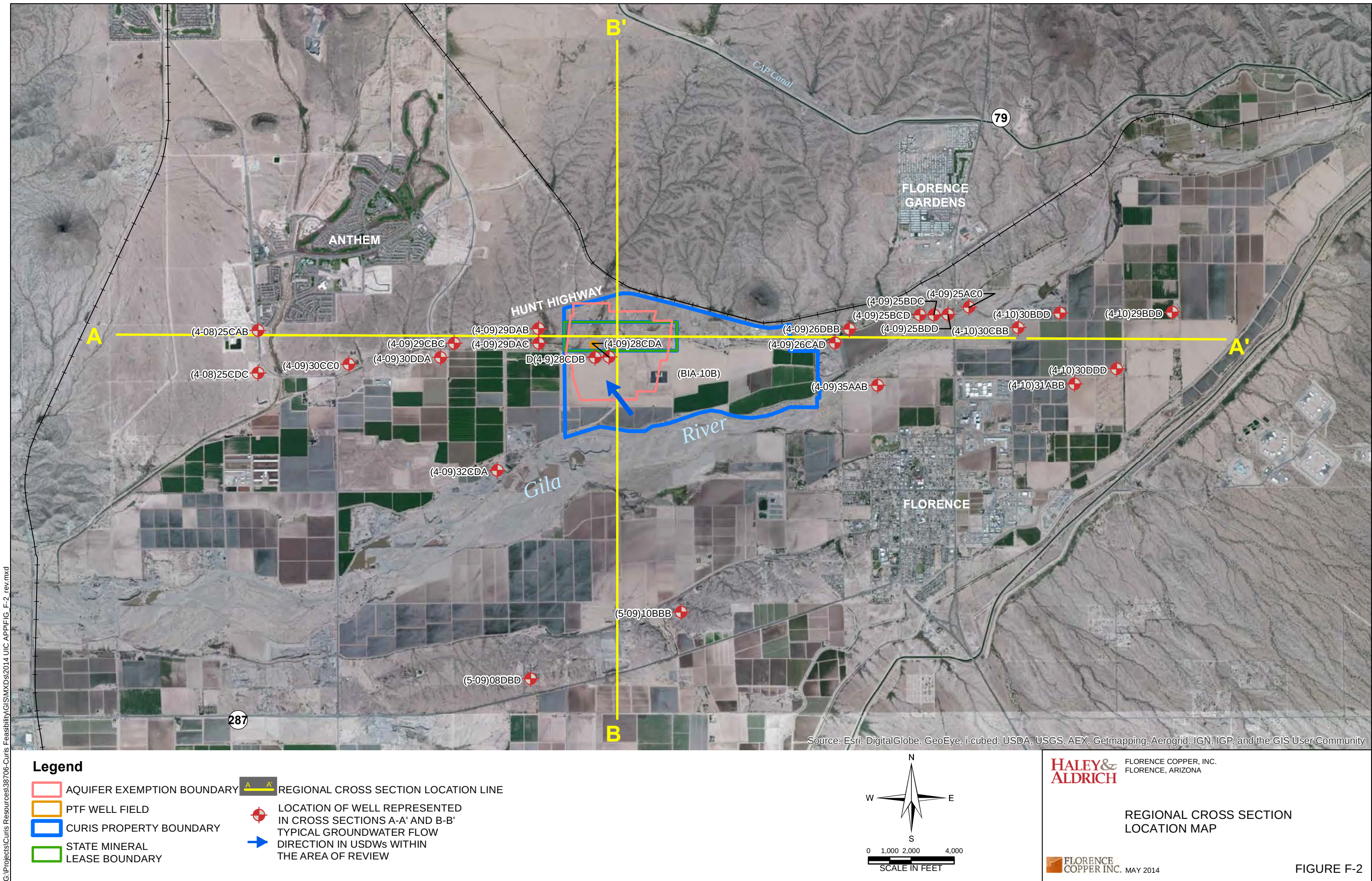
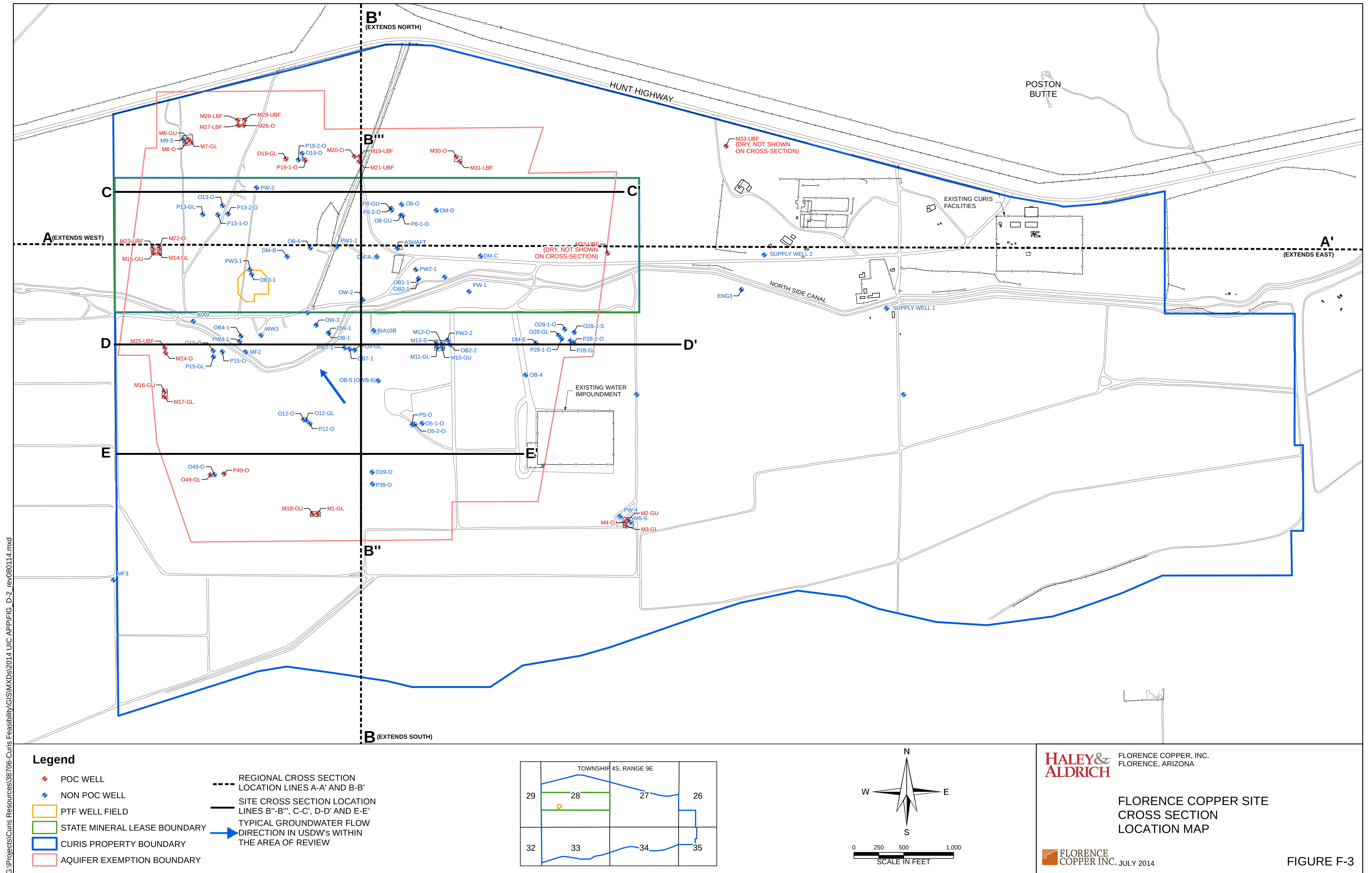
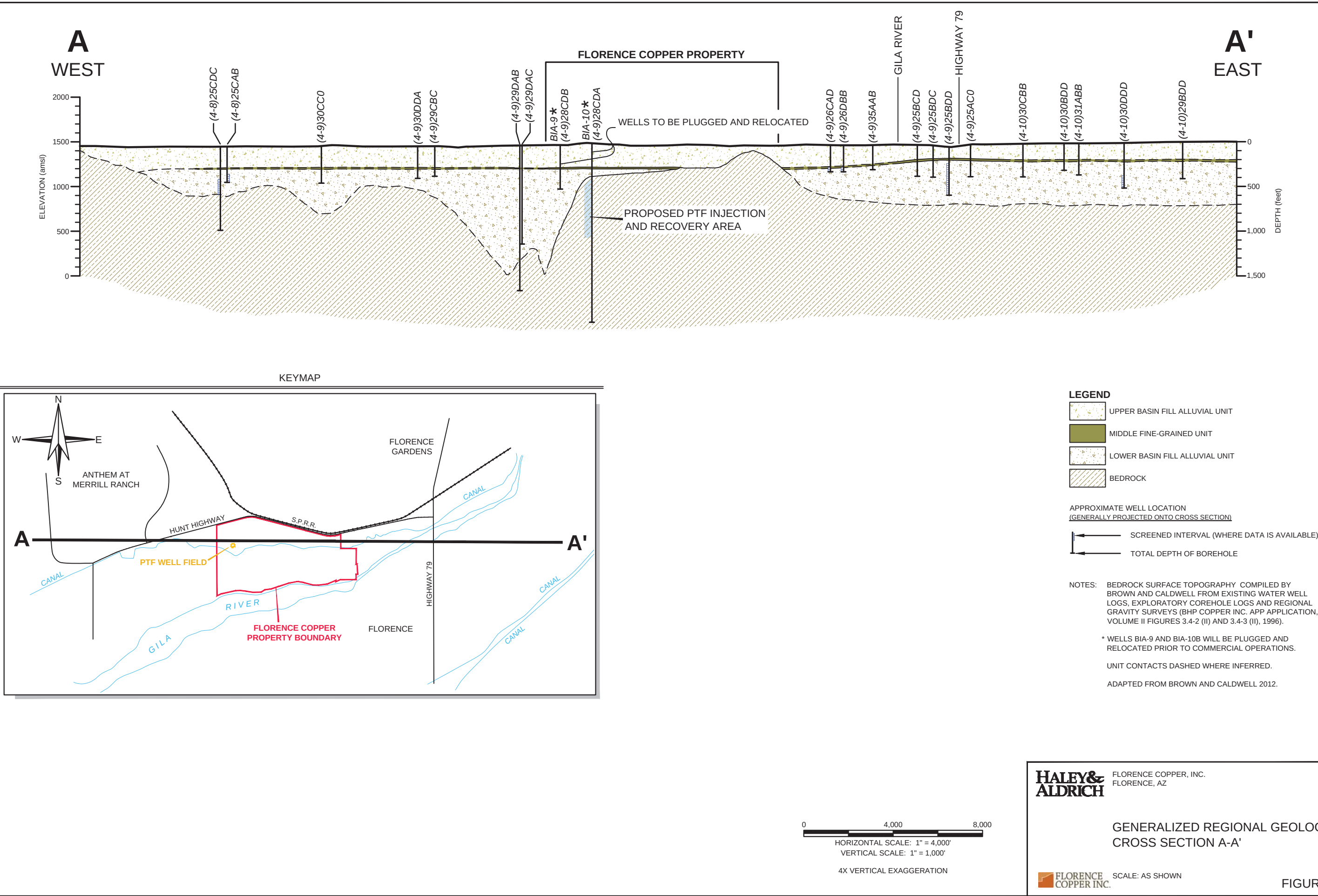


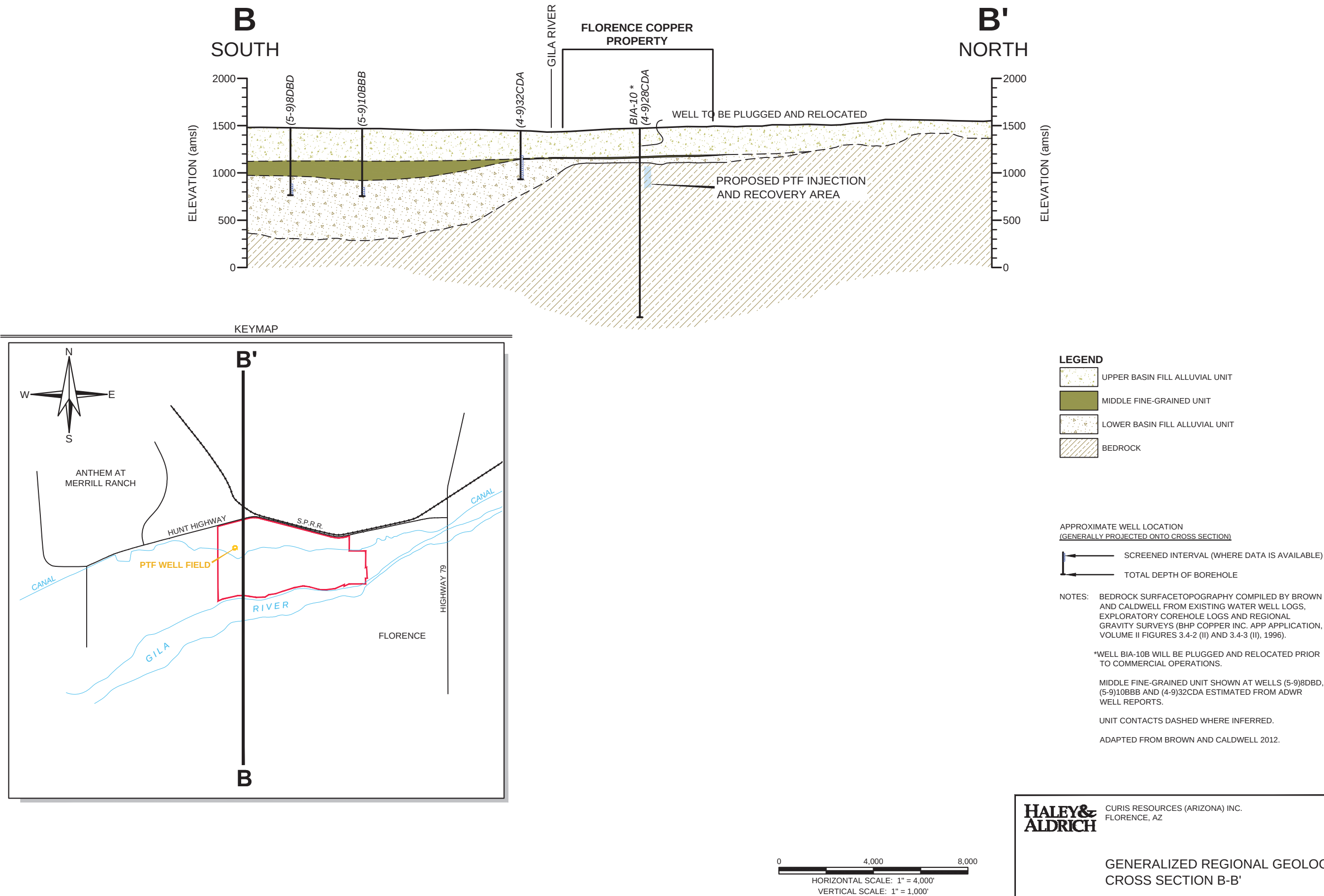
FIGURE F-2



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Operator Name: CANDREVA, LAUREN Drawing Layout: ES-STD (11X17) Plot Date: August 1, 2014



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Operator Name: CANDREVA, LAUREN Plot Date: August 1, 2014



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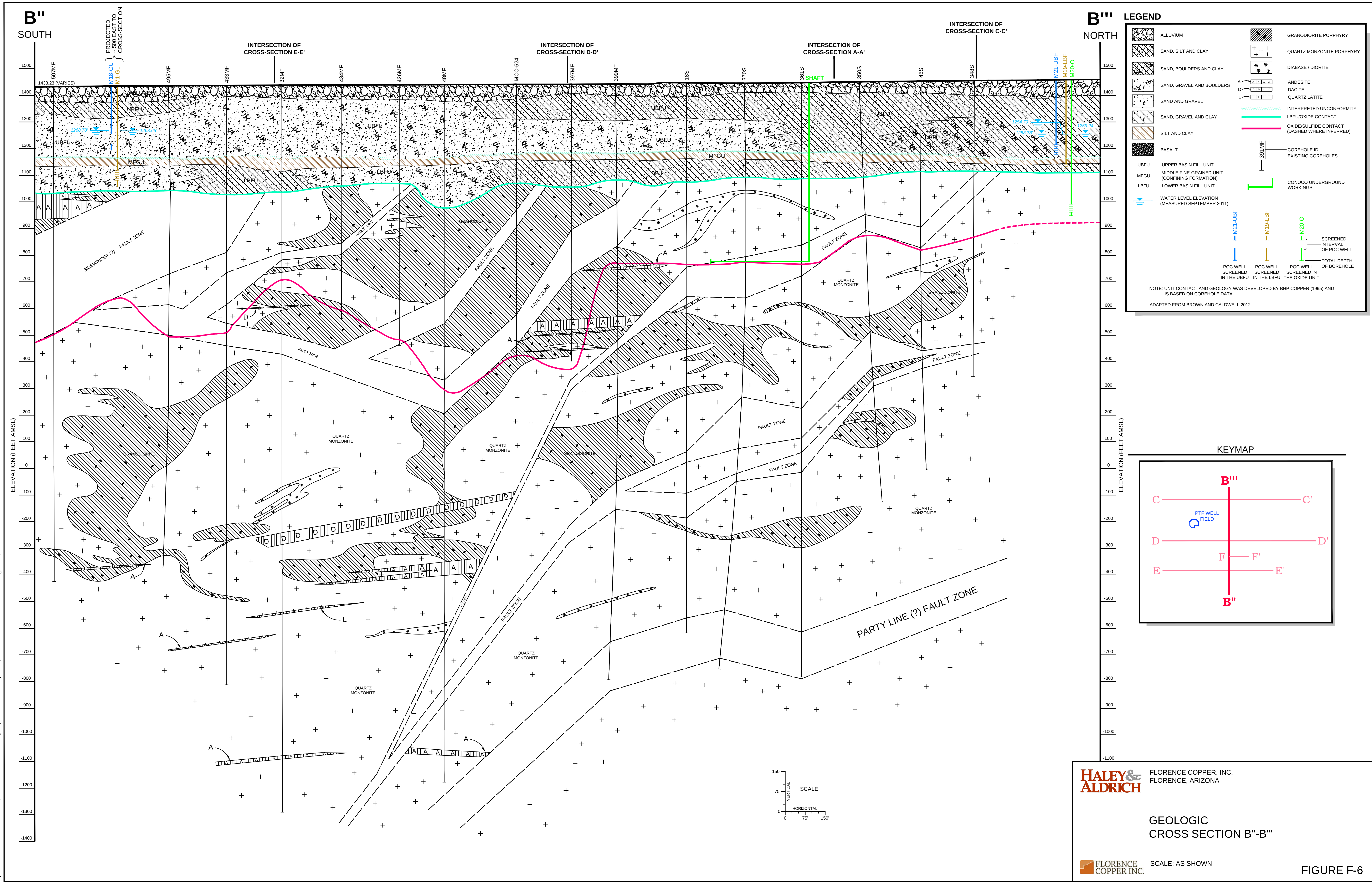
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FLORENCE, AZ

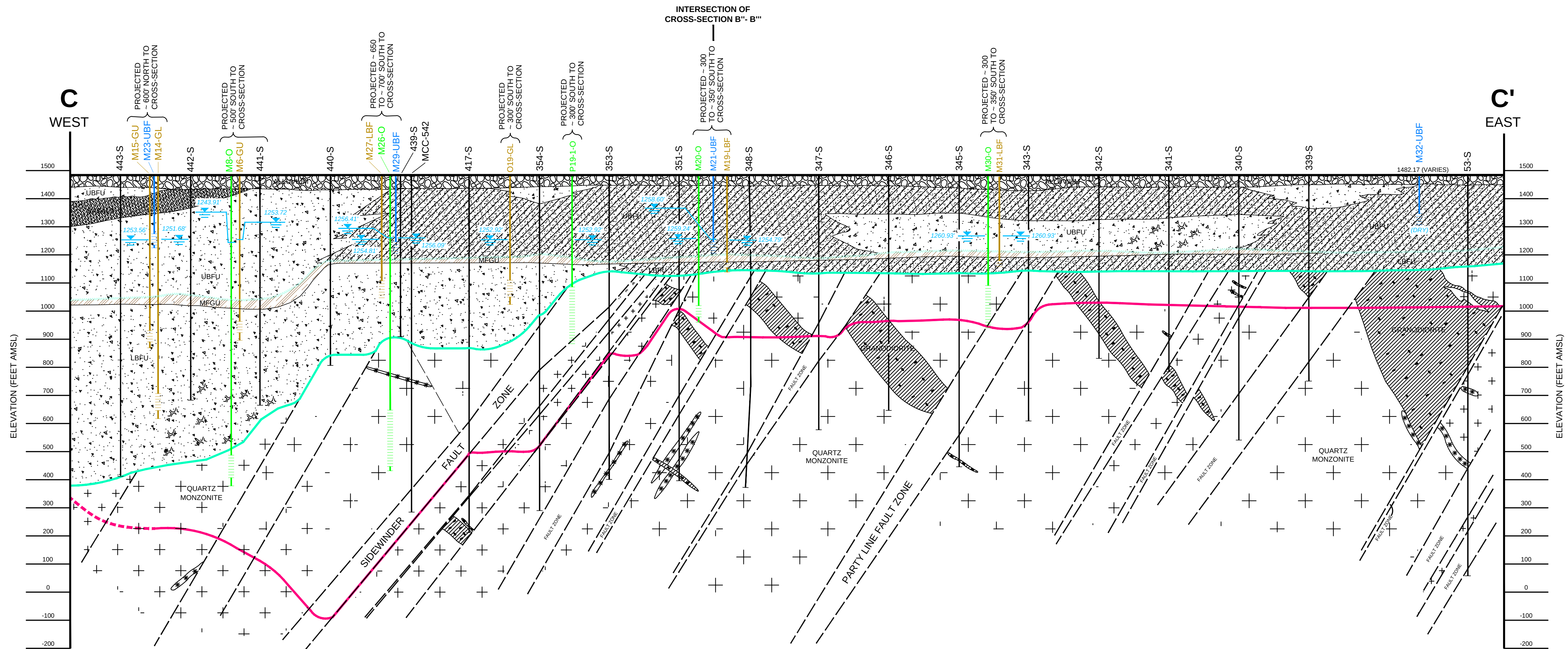
GENERALIZED REGIONAL GEOLOGIC
CROSS SECTION B-B'

FLORENCE
COPPER INC.

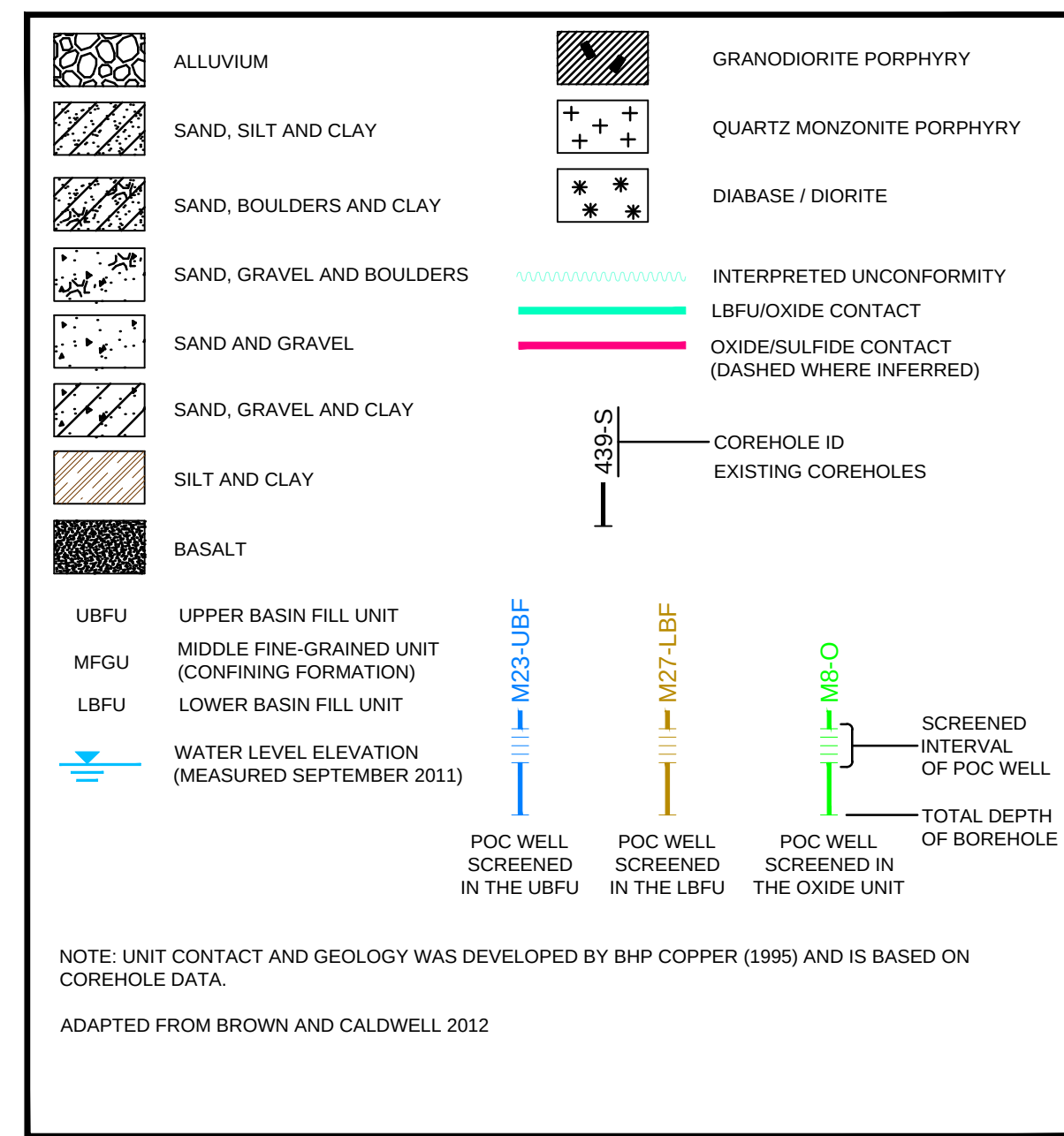
SCALE: AS SHOWN

FIGURE F-5

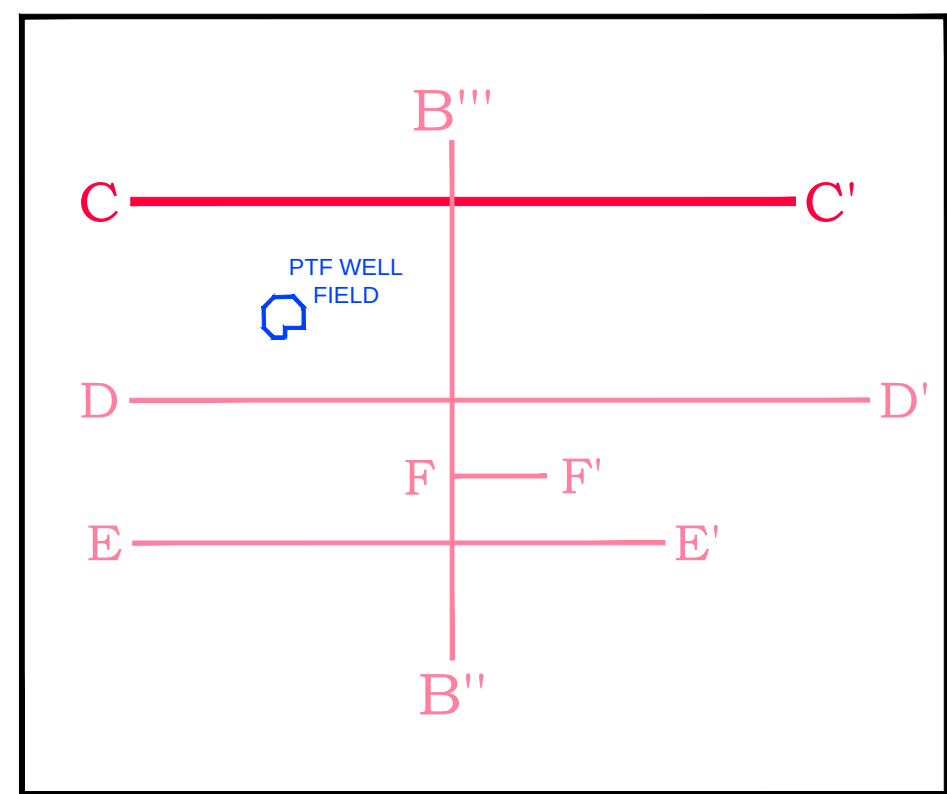




LEGEND



KEYMAP



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GEOLOGIC CROSS SECTION C-C'

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SCALE: AS SHOWN

FIGURE F-7



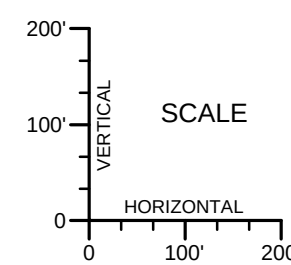
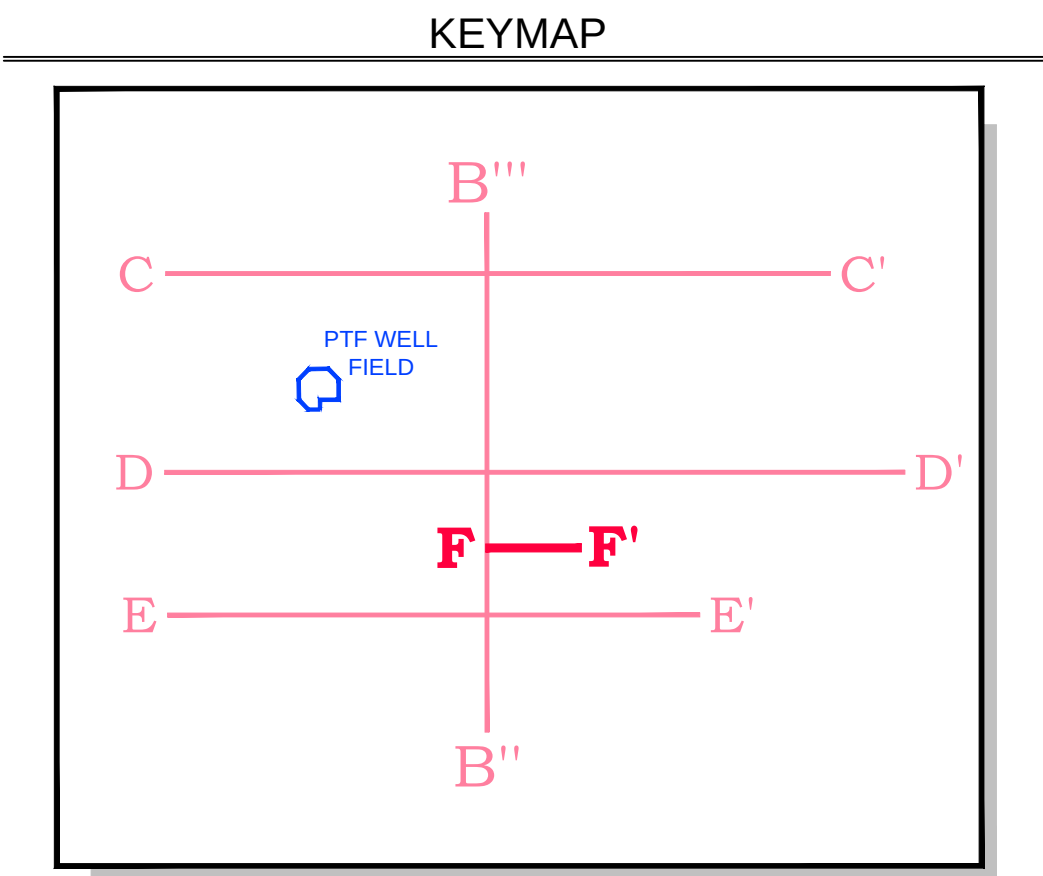
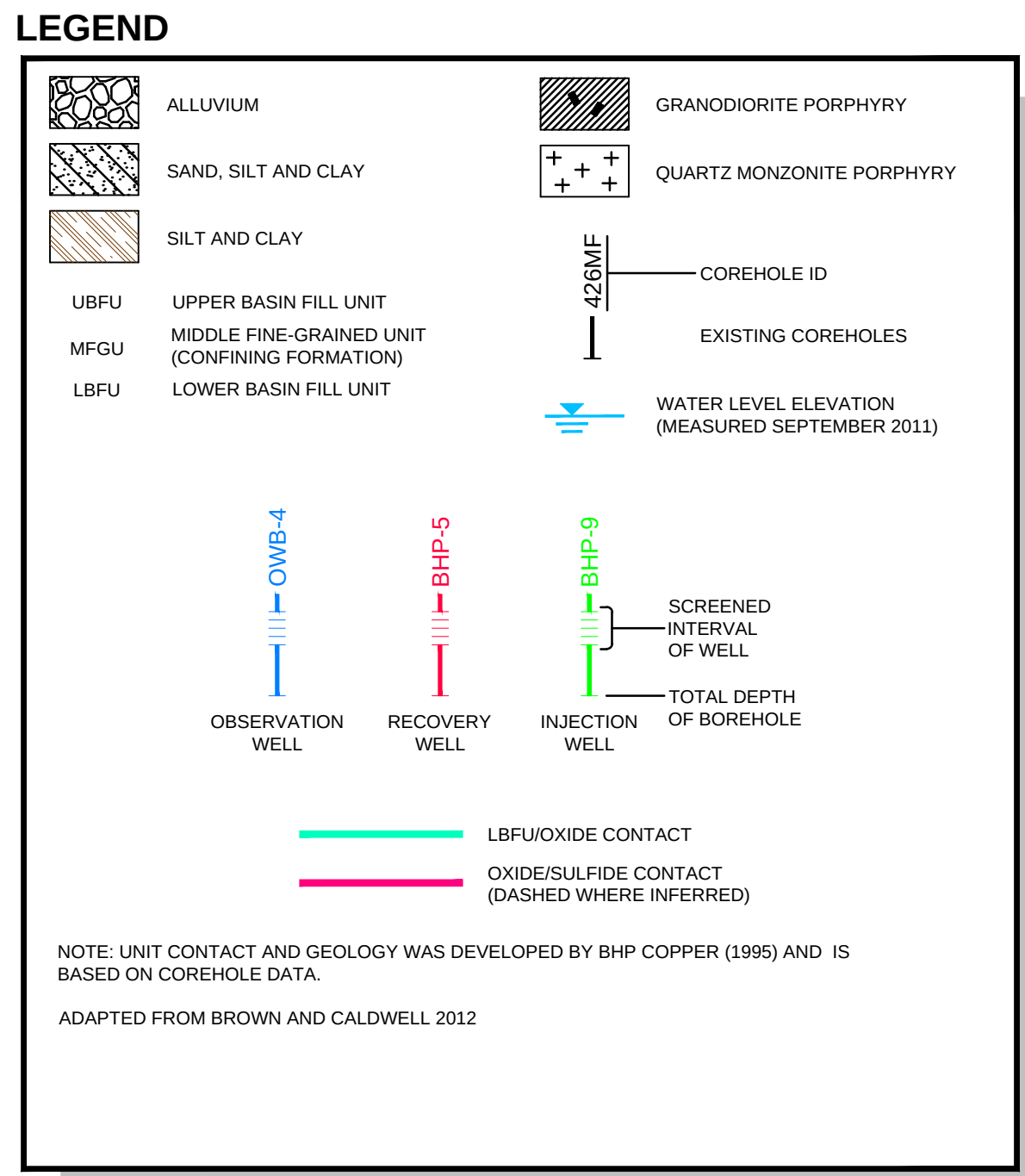
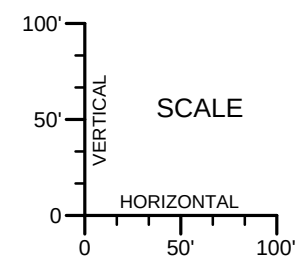
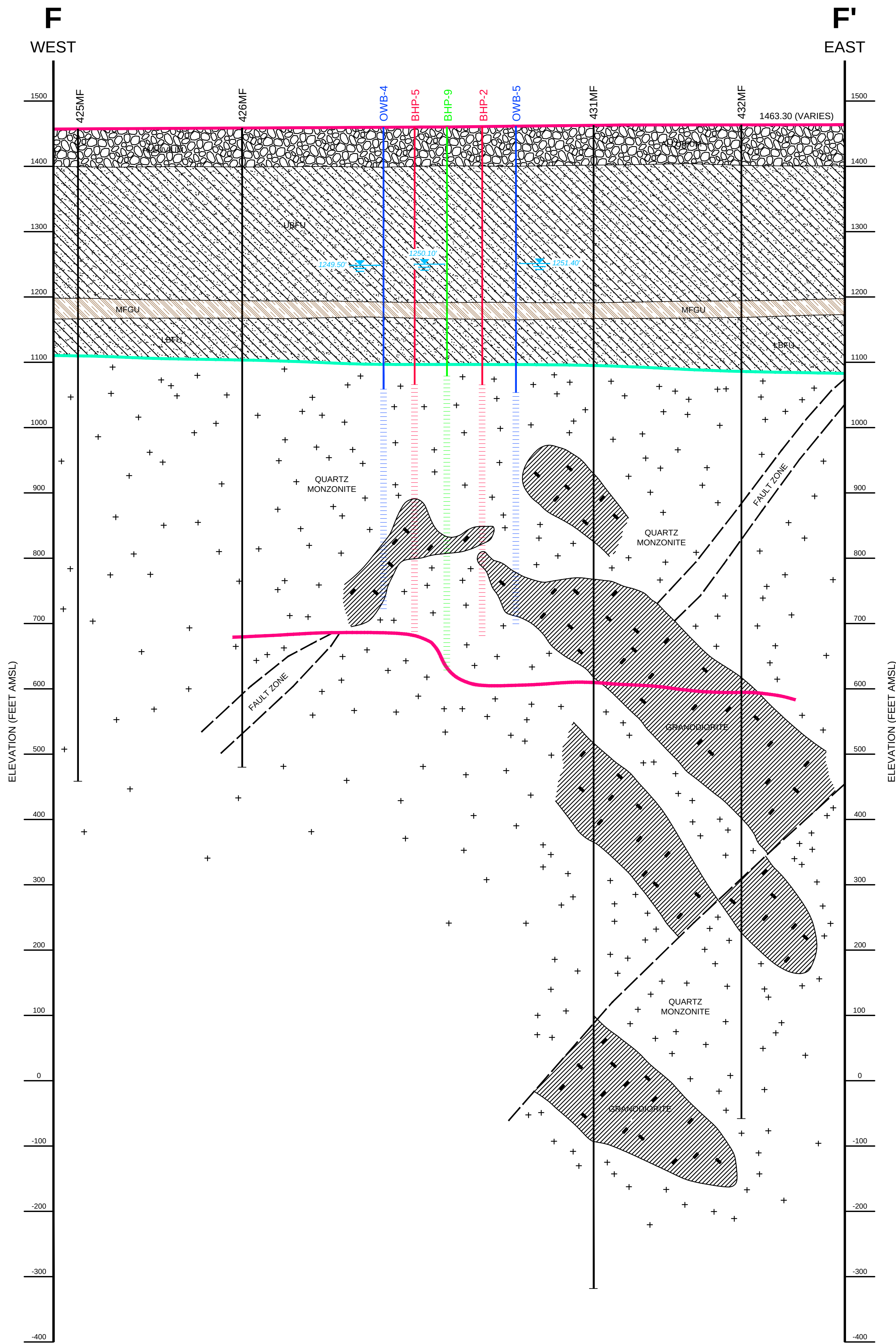


Diagram illustrating a PTF Well Field layout. The field is represented by three horizontal lines labeled C, D, and E. A vertical line intersects these horizontal lines, with labels B''' at the top and B'' at the bottom. A blue speech bubble points to the vertical line, indicating the PTF WELL FIELD.

FIGURE F-9

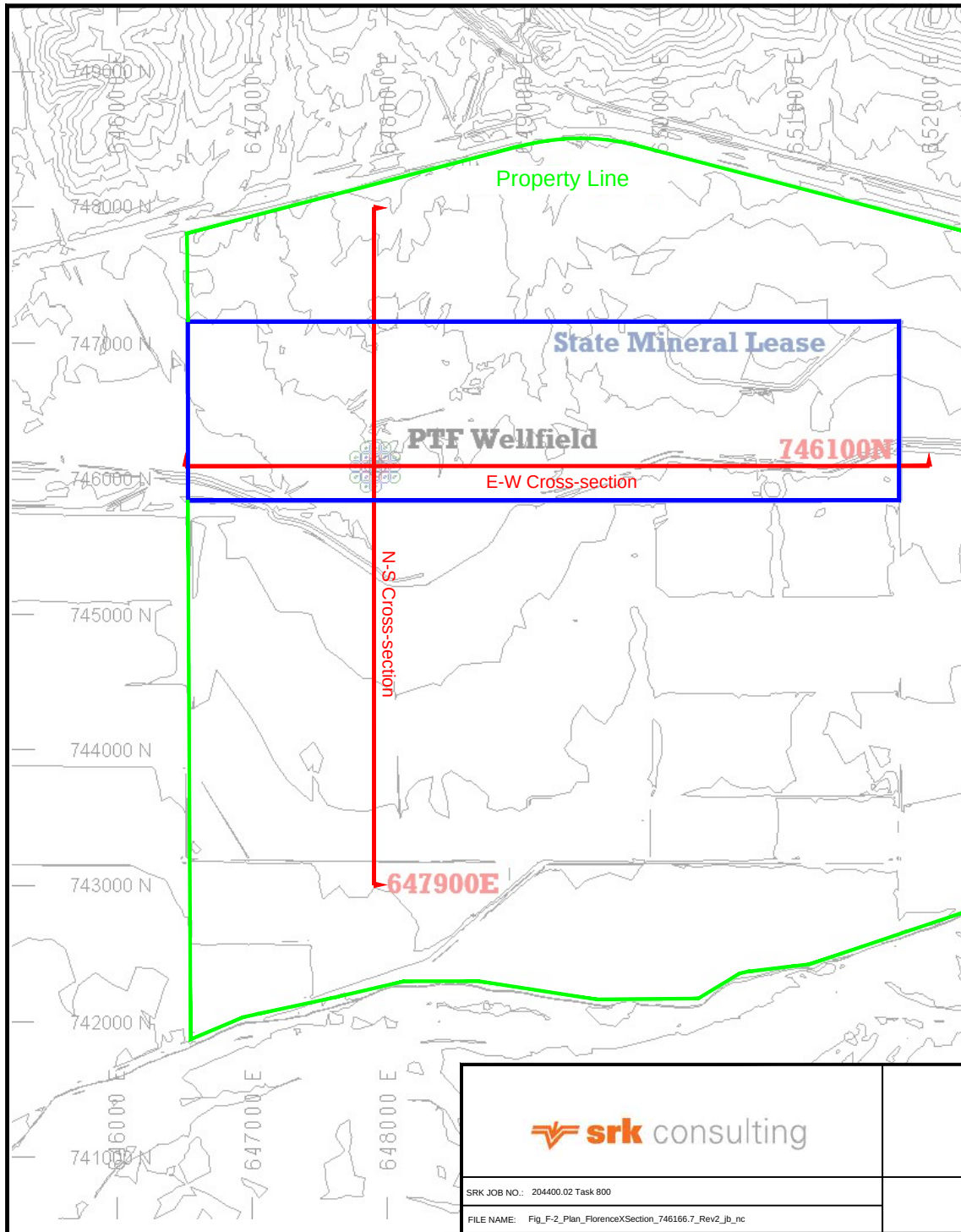


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FLORENCE, ARIZONA

**GEOLOGIC
CROSS SECTION F-F'**

**FLORENCE
COPPER INC.** SCALE: AS SHOWN

FIGURE F-10



Explanation

-  Cross-section lines
-  Property line
-  State mineral lease
-  PTF wellfield

General Notes

1. For illustrative purposes only. Not to scale
2. Coordinates shown are Arizona Central State Plane (ft.)

References

1. Cross-Section locations by SRK



Not to Scale



SRK JOB NO.: 204400.02 Task 800

FILE NAME: Fig_F-2_Plan_FlorenceXSection_746166.7_Rev2_jb_nc



Environmental Support

UIC Application

Plan map showing location of
Geologic cross-sections

DATE: MAY 2014	APPROVED: CKH	FIGURE: F-11	REVISION NO.: 1
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