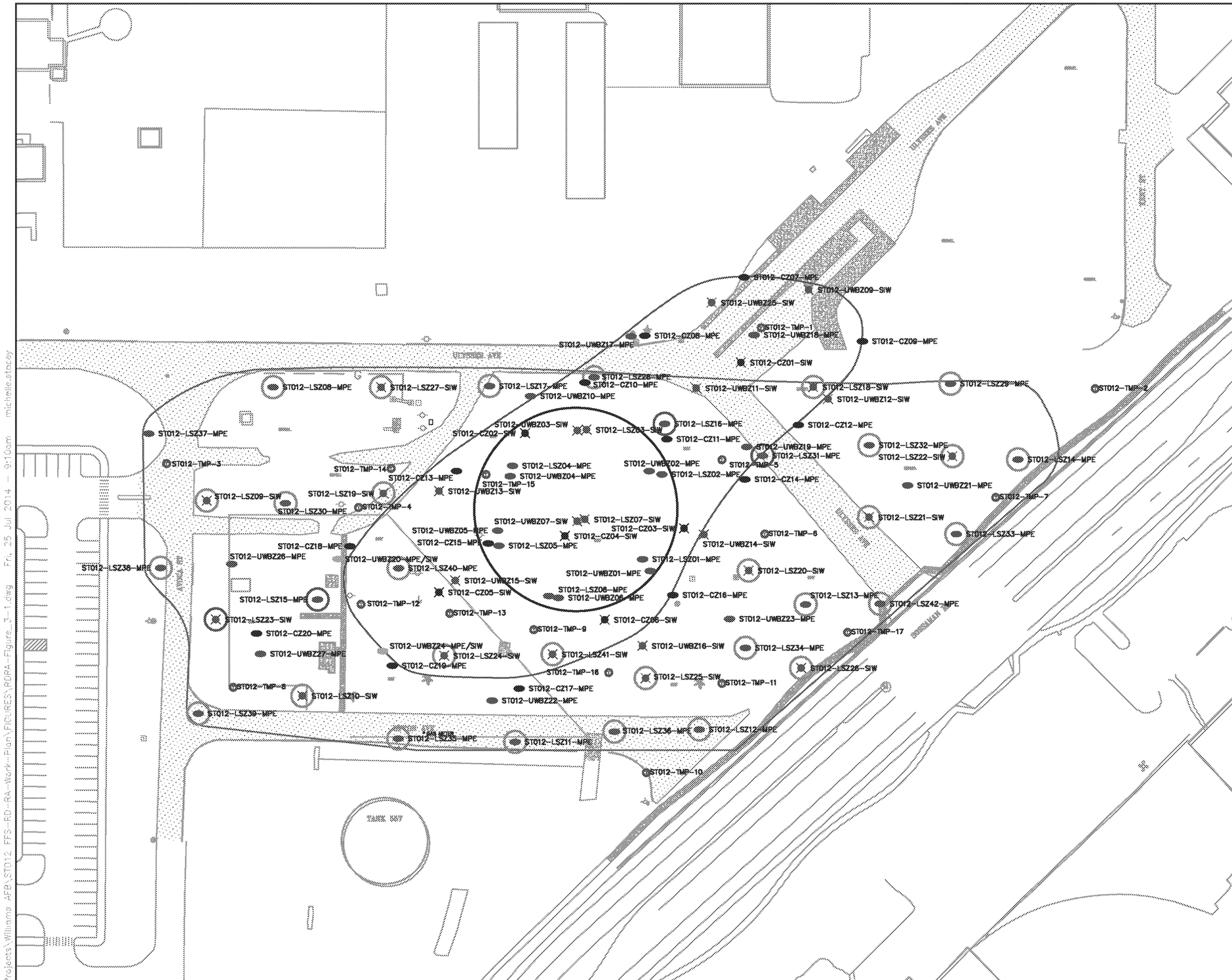

Registered Professional Engineer (Environmental)
CERTIFICATE NO. 53050
STUART C. PEARSON
DATE SIGNED 7/23/14
ARIZONA U.S.A.
expires 12/31/14

Legend

- SIW CZ = 6
- SIW UWBZ = 10
- SIW LSZ = 15
- MPE CZ = 14
- MPE UWBZ = 14
- MPE LSZ = 27
- DUAL PURPOSE UWBZ = 2
- TEMPERATURE MONITORING LOCATION = 17
- TREATMENT EQUIPMENT AREA
- CZ, UWBZ, RD/RAWP THERMAL TREATMENT ZONE
- LSZ, RD/RAWP THERMAL TREATMENT ZONE
- TEE PILOT TEST WELLS (LNAPL POTENTIAL NOT EVALUATED DUE TO LIMITED DATA. LNAPL GENERALLY ASSUMED TO BE PRESENT IN ALL ZONES IN THIS AREA)
- NO INDICATION OF LNAPL
- POSSIBLE INDICATION OF RESIDUAL LNAPL
- INDICATION OF RESIDUAL LNAPL

NOTE: DATA FOR ST012-LSZ37 WAS LIMITED DUE TO DRILLING METHOD AND WAS NOT INCLUDED IN LNAPL ASSESSMENT.

Abbreviations

CZ	COBBLE ZONE
LNAPL	LIGHT NON-AQUEOUS PHASE LIQUID
LSZ	LOWER SATURATED ZONE
MPE	MULTI-PHASE EXTRACTION
SEE	STEAM ENHANCED EXTRACTION
SIW	STEAM INJECTION WELL
TEE	THERMAL ENHANCED EXTRACTION
UWBZ	UPPER WATER BEARING ZONE

0 80 160 Feet

N

Final, Addendum #1
Remedial Design/Remedial Action Work Plan
ST012 - Former Williams Air Force Base
Mesa, Arizona

CZ Interval Results (145 - 160 ft bgs)

FIGURE 3-1

Job No.	9101110001
PM:	EW
Date:	07/21/2014
Scale:	1"=80 Feet

amec

The map shown here has been created with all due and reasonable care and is strictly for use with AMEC project number 91-0111-0001. This map has not been certified by a licensed land surveyor, and any third party use of this map comes without warranties of any kind. AMEC assumes no liability, direct or indirect, whatsoever for any such third party or unintended use.

Z:\Projects\Williams AFB\ST012 FFS-RD-RA-Work-Plan\FIGURES\RDRA-Figure_3-1.dwg Fri, 25 Jul 2014 - 9:10am michelle.stacey