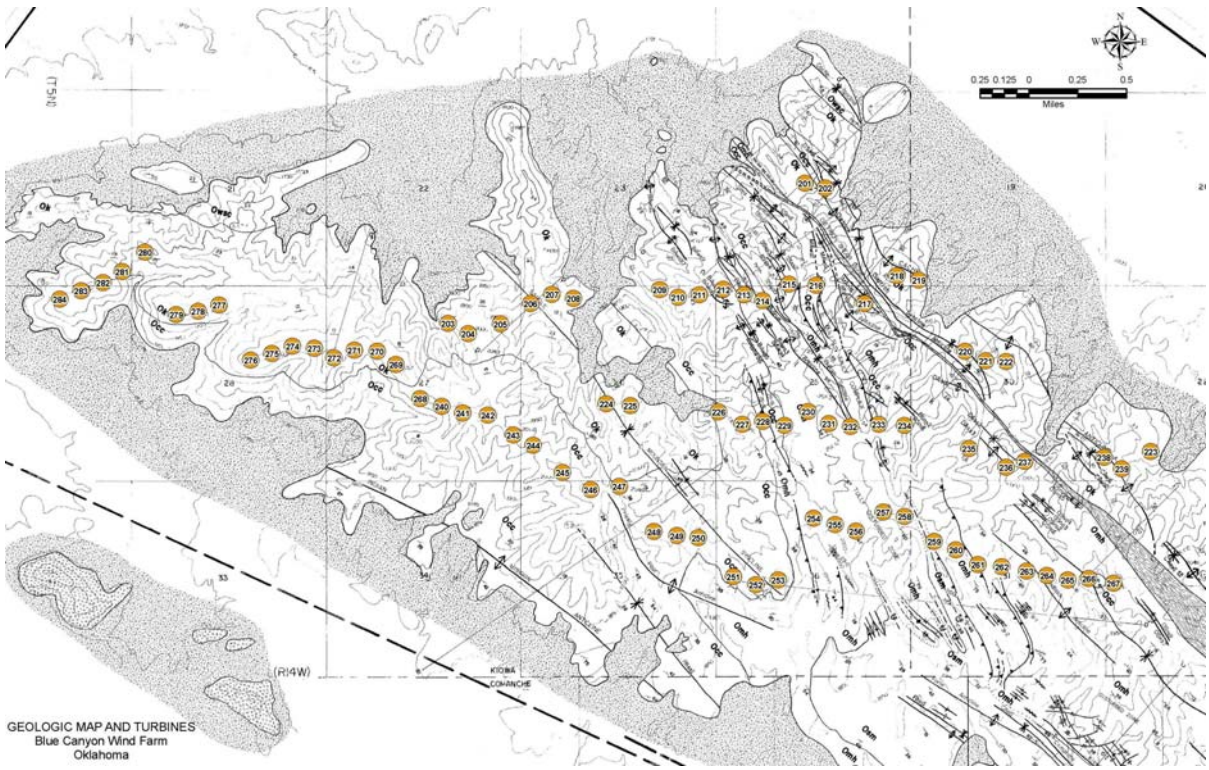
Seismic Characterization of Wind Turbine Sites Near Lawton, Oklahoma, by the MASW Method

APPENDIX III: Maps from Surface-Wave Imaging by Attenuation (SIA)

Choon B. Park and Richard D. Miller
Kansas Geological Survey
University of Kansas
1930 Constant Avenue
Lawrence, Kansas 66047-3726

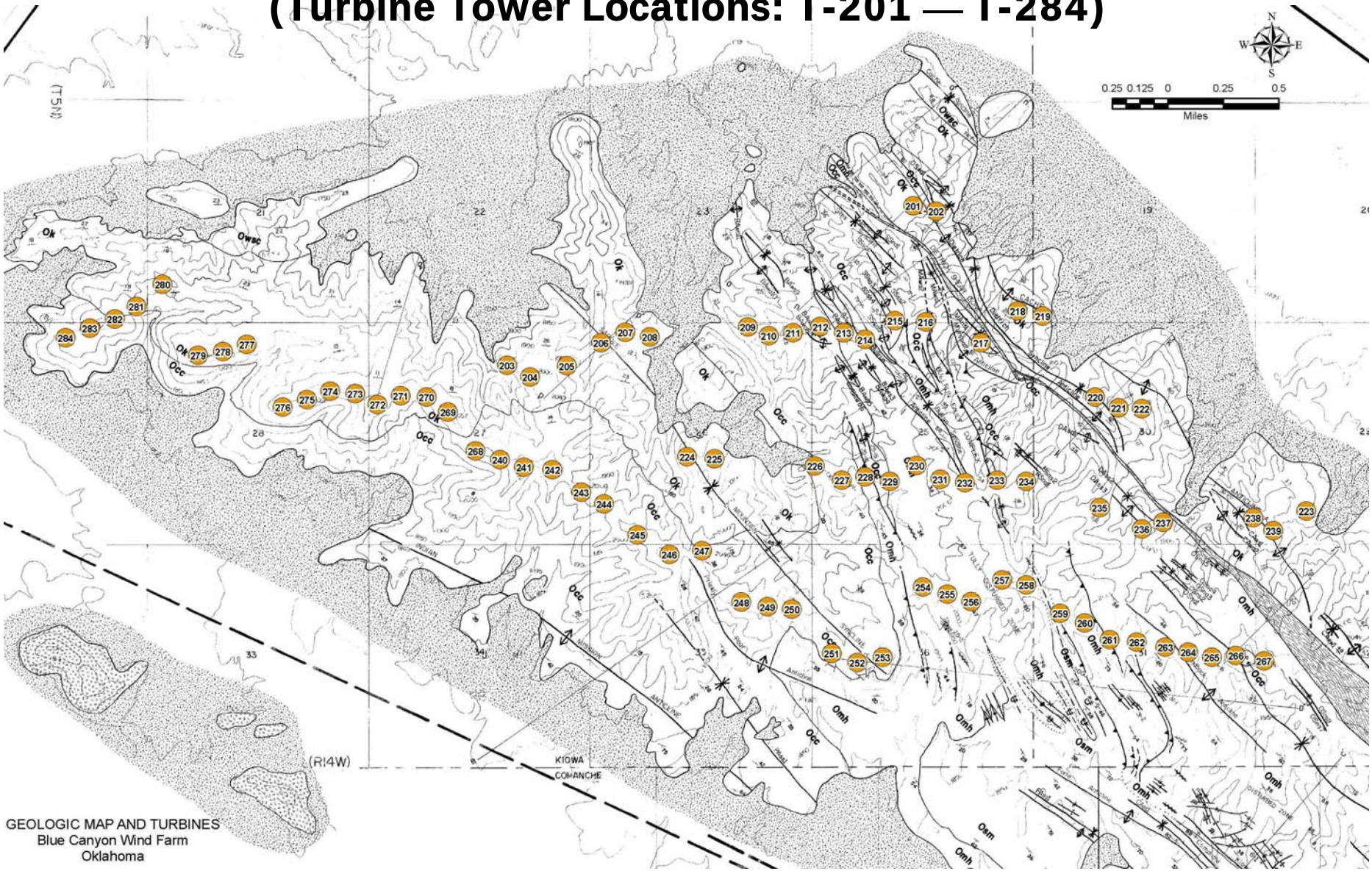


Final Report to

Rick Palm and Chris Kopchynski
Barr Engineering Company
4700 West 77th Street
Minneapolis, MN 55435-4803

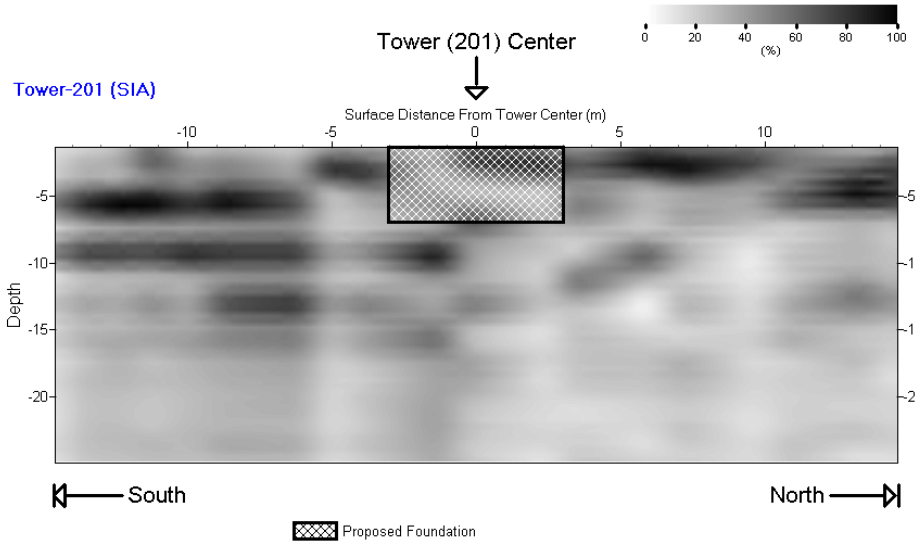
Open-file Report 2005-22 (part 4 of 4) July 5, 2005

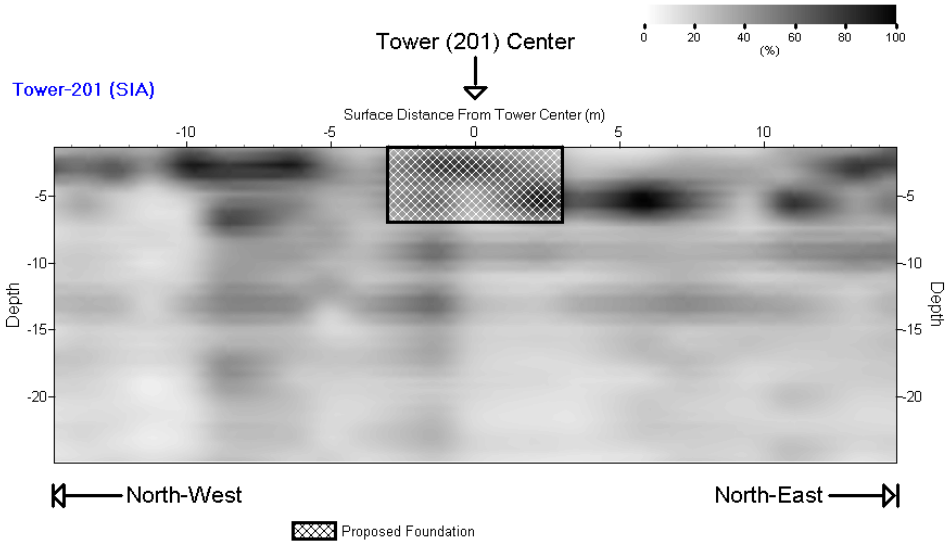
Blue Canyon Wind Mill Farm Phase II
(Turbine Tower Locations: T-201 — T-284)

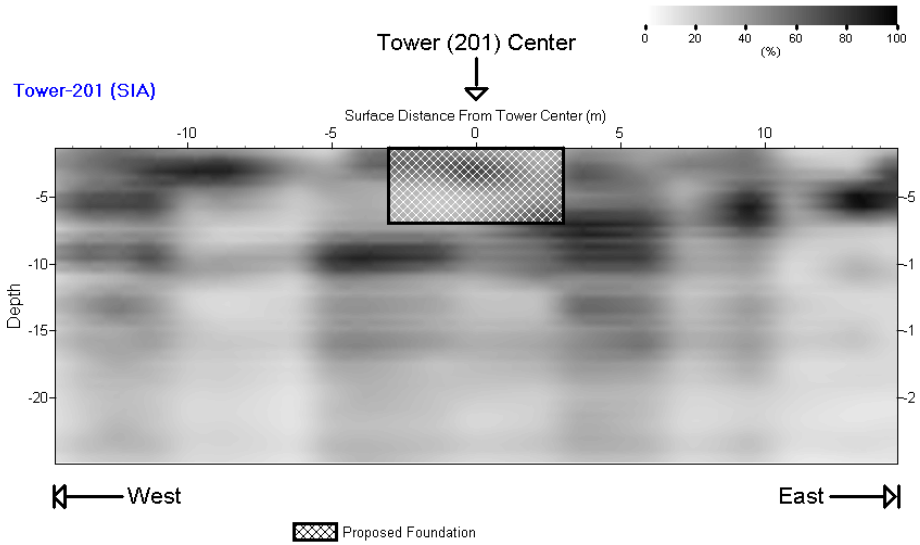


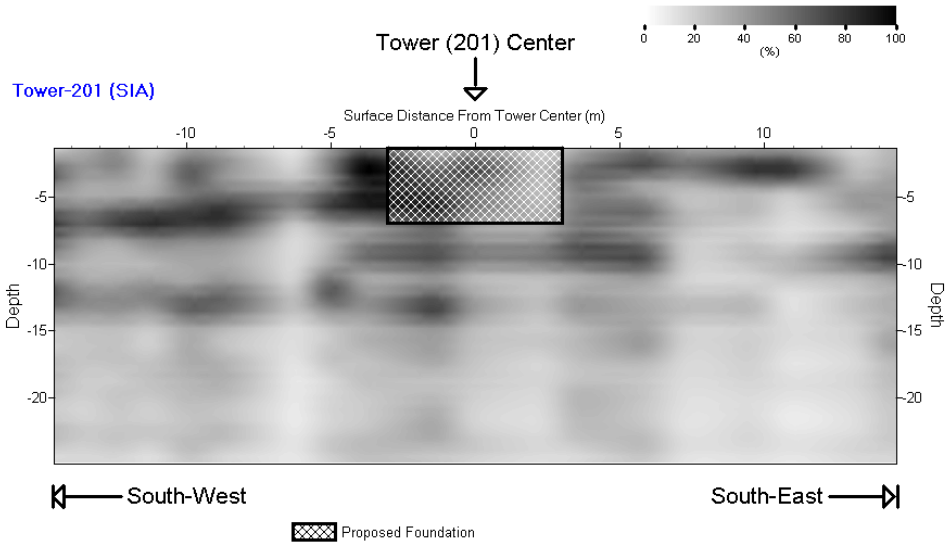
GEOLOGIC MAP AND TURBINES
Blue Canyon Wind Farm
Oklahoma

T-201

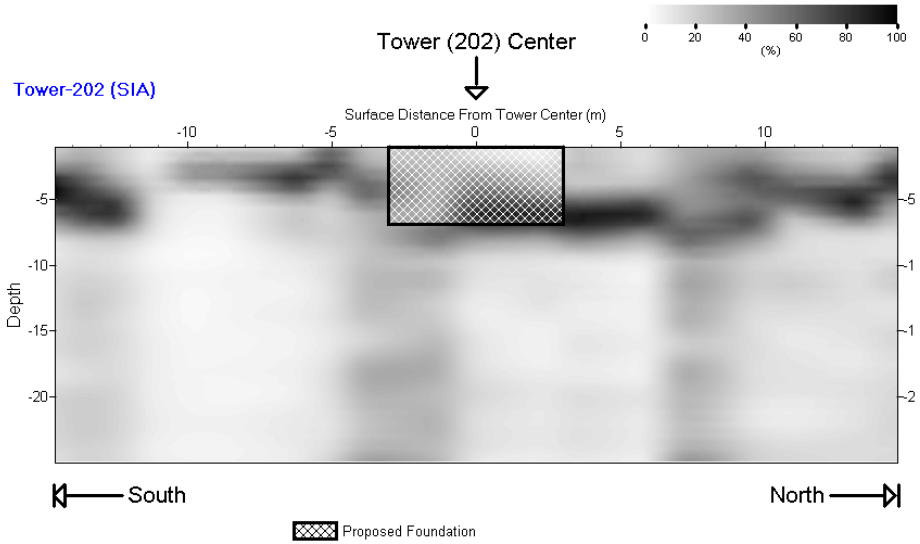

Tower (201) Center
0 20 40 60 80 100
(%)
Tower-201 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

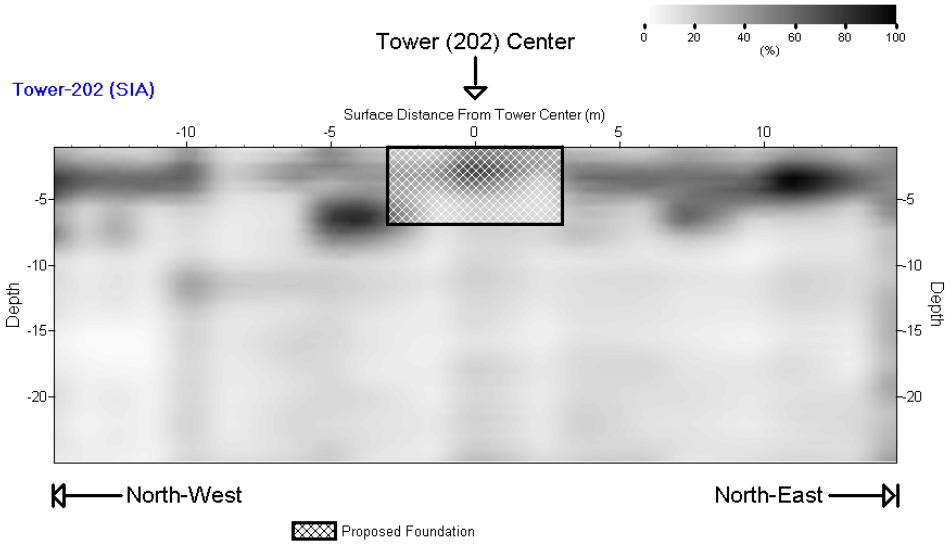

Tower (201) Center
0 20 40 60 80 100
(%)
Tower-201 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

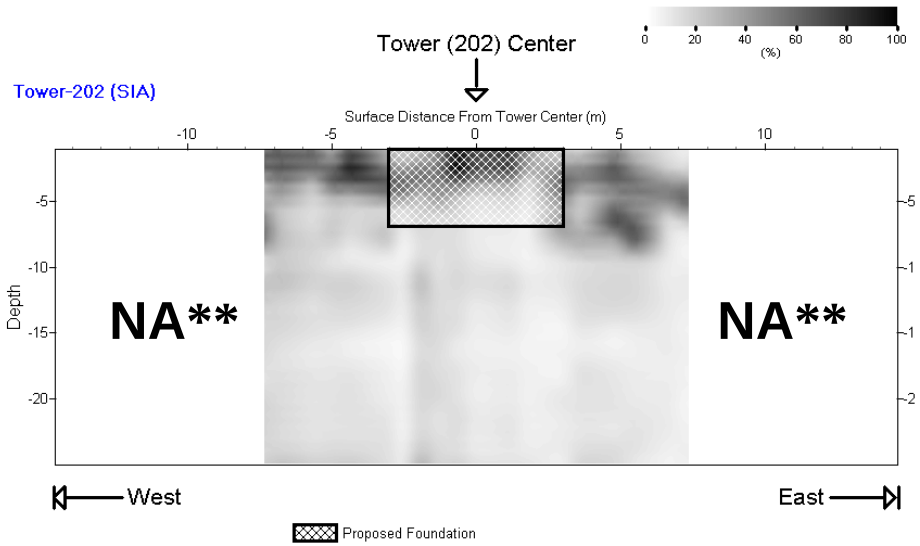

Tower (201) Center
0 20 40 60 80 100
(%)
Tower-201 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

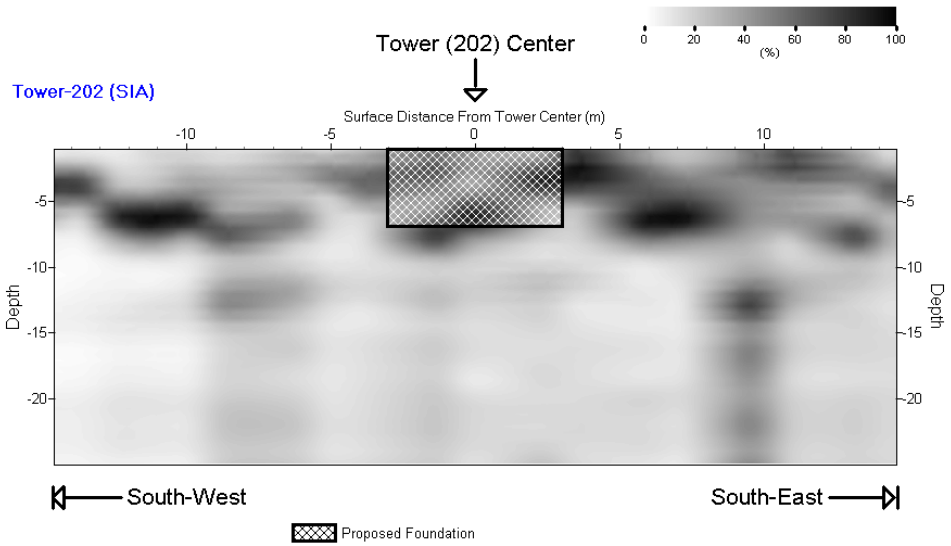

Tower (201) Center
0 20 40 60 80 100
(%)
Tower-201 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-202



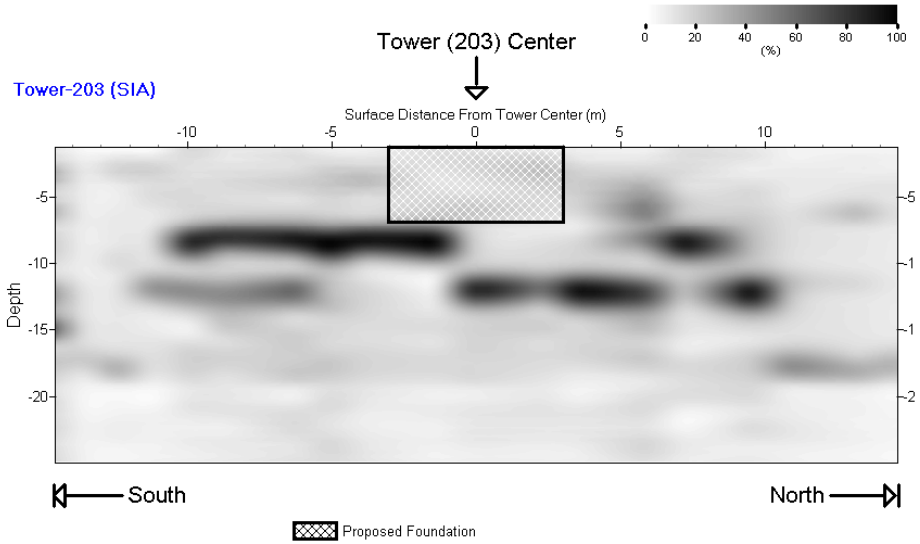


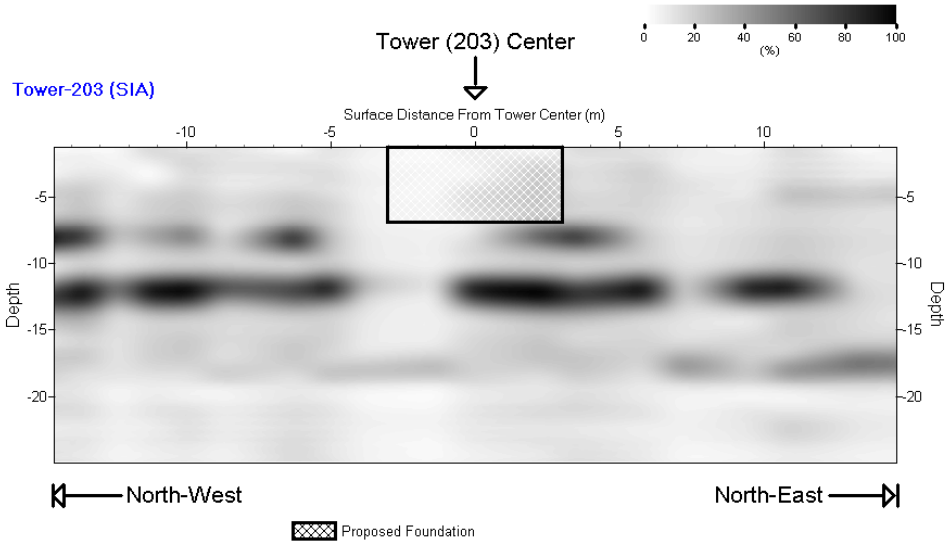


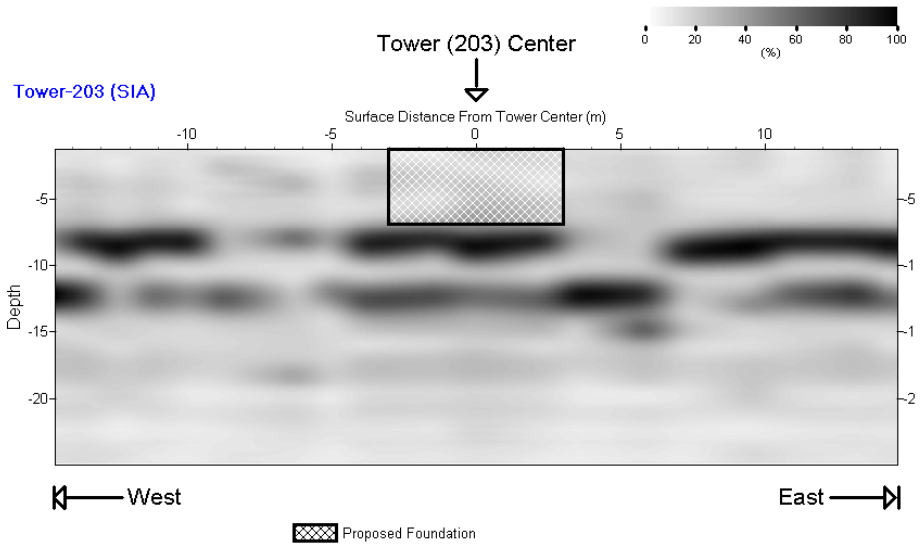


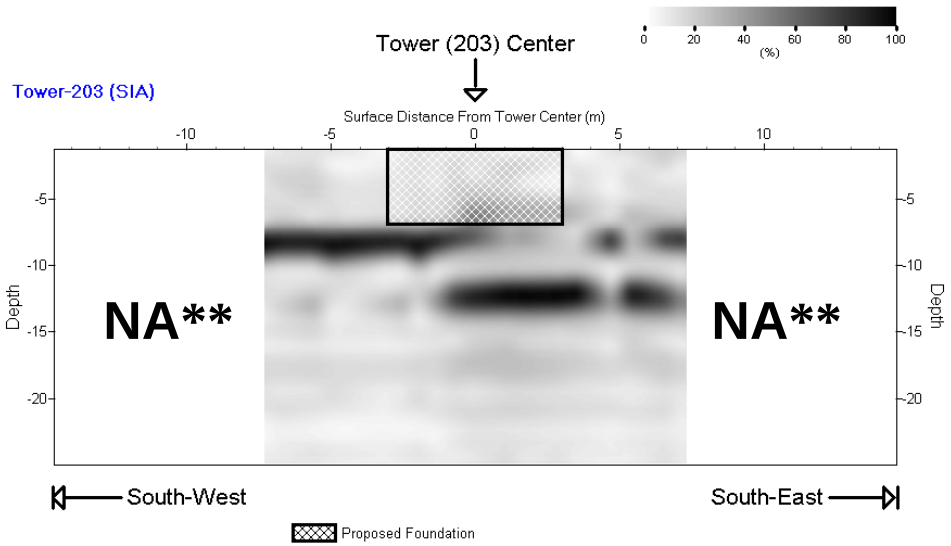
**A shorter receiver spacing of 2 ft was used due to terrain condition (steep drop off).

T-203



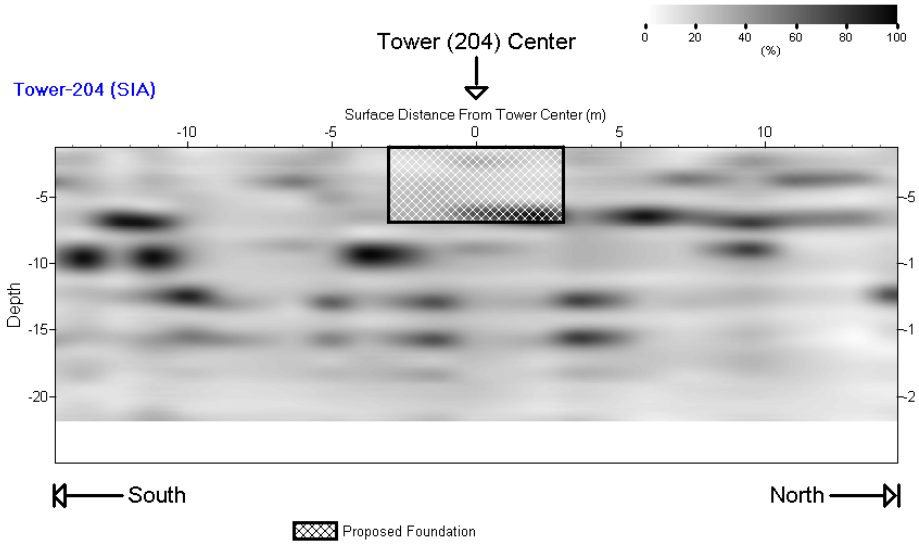


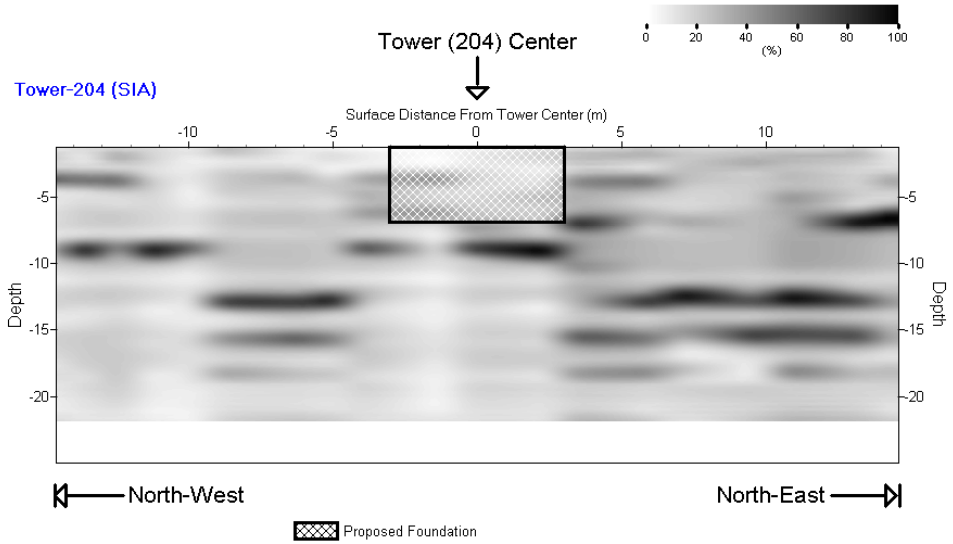


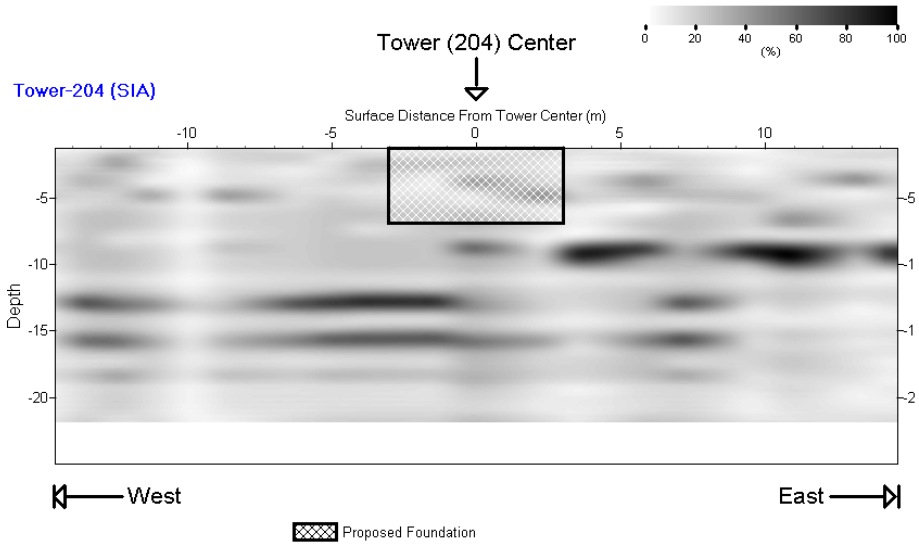


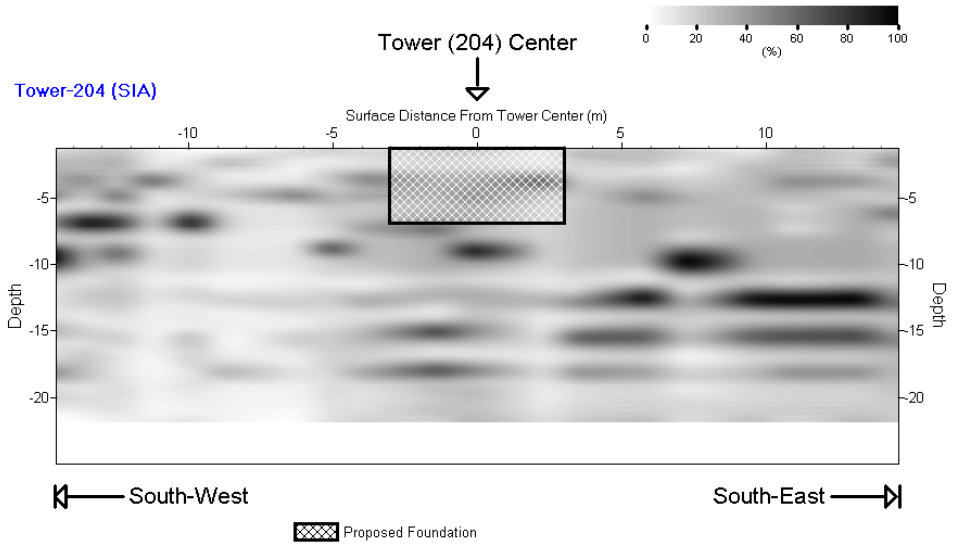
**A shorter receiver spacing of 2 ft was used due to terrain condition (steep drop off).

T-204

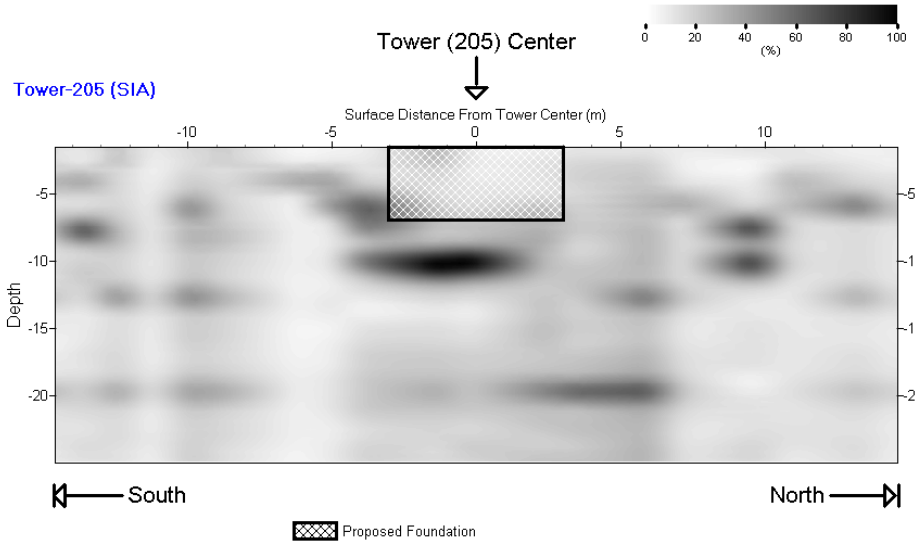

Tower (204) Center
0 20 40 60 80 100
(%)
Tower-204 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

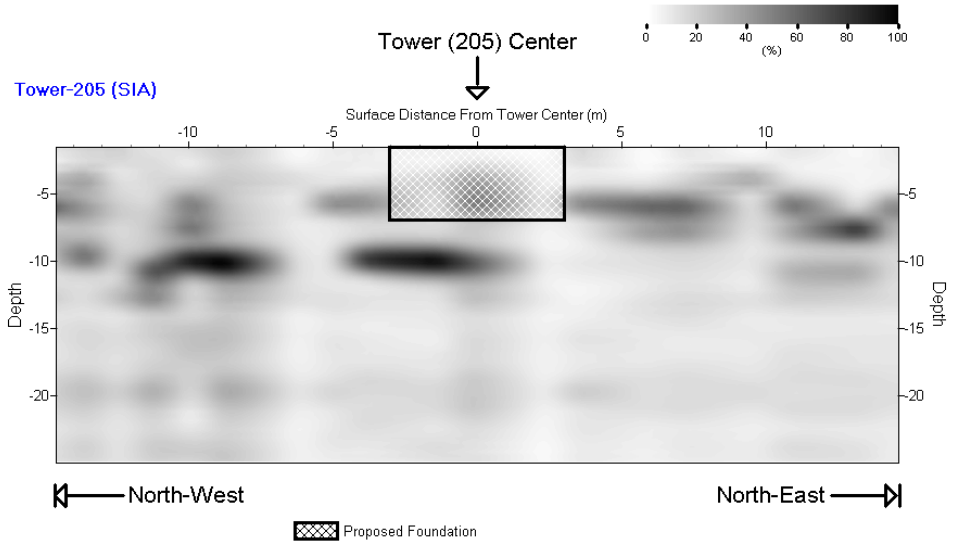

Tower (204) Center
0 20 40 60 80 100
(%)
Tower-204 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

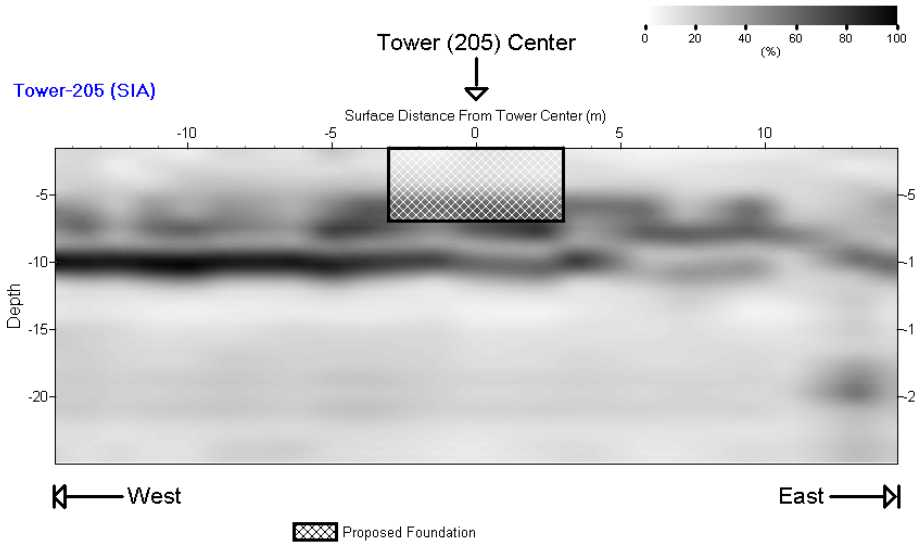

Tower (204) Center
0 20 40 60 80 100
(%)
Tower-204 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

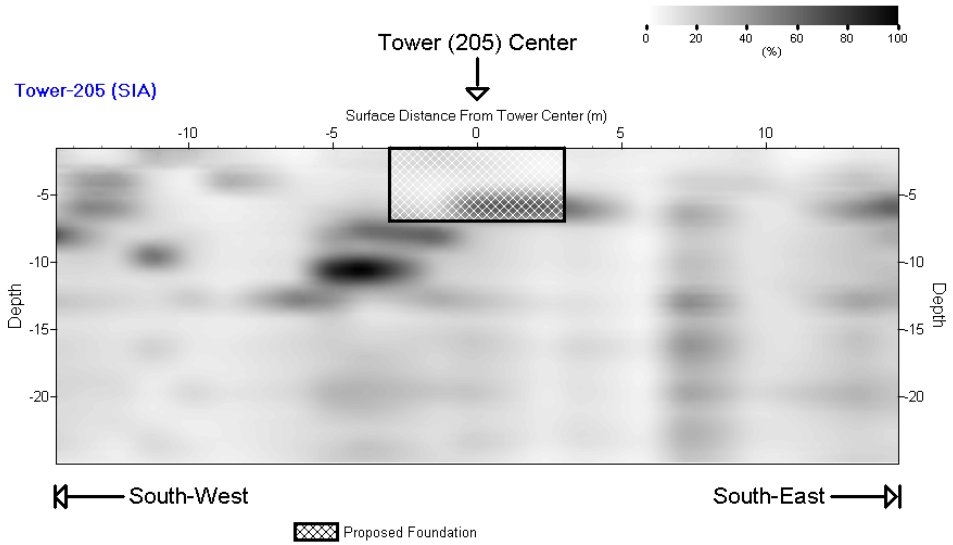

Tower (204) Center
0 20 40 60 80 100
(%)
Tower-204 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-205

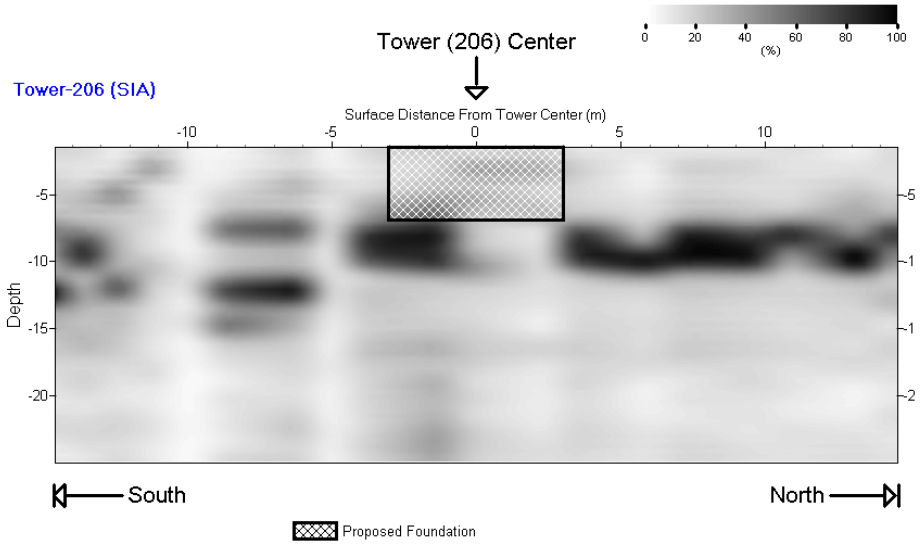

Tower (205) Center
0 20 40 60 80 100
(%)
Tower-205 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

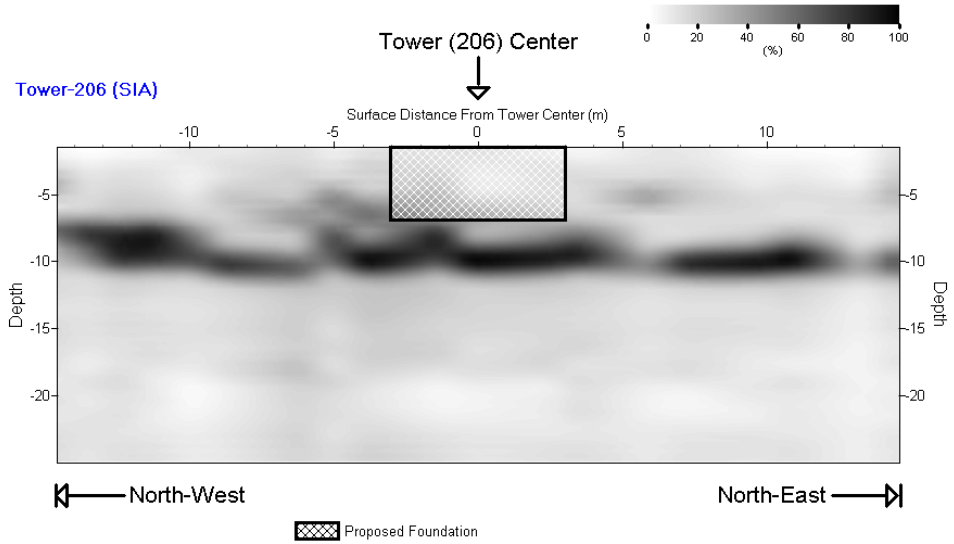

Tower (205) Center
0 20 40 60 80 100
(%)
Tower-205 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

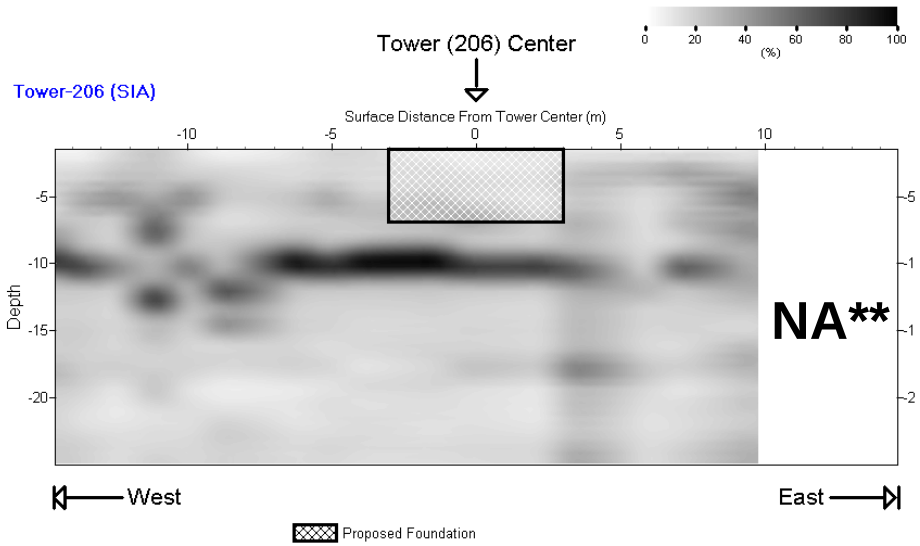

Tower (205) Center
0 20 40 60 80 100
(%)
Tower-205 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

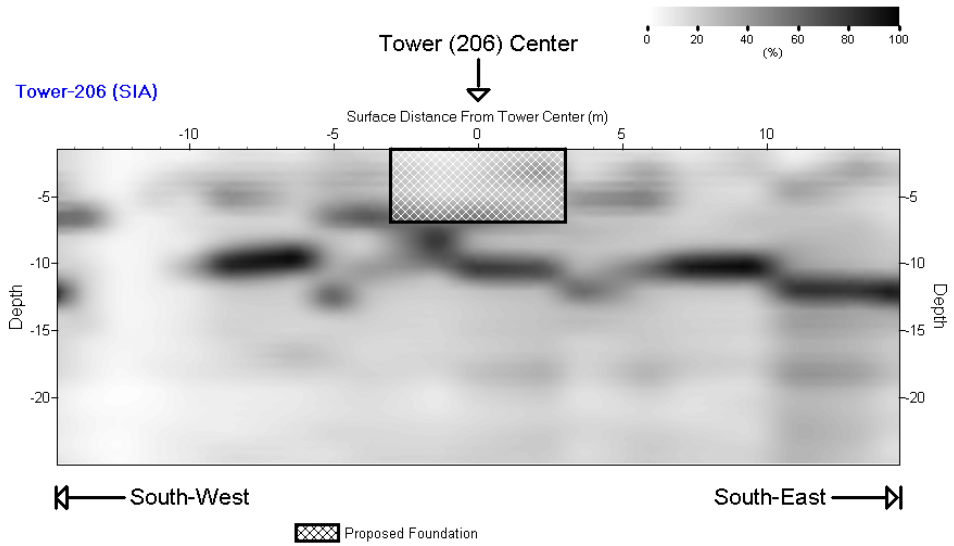

Tower (205) Center
0 20 40 60 80 100
(%)
Tower-205 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-206*





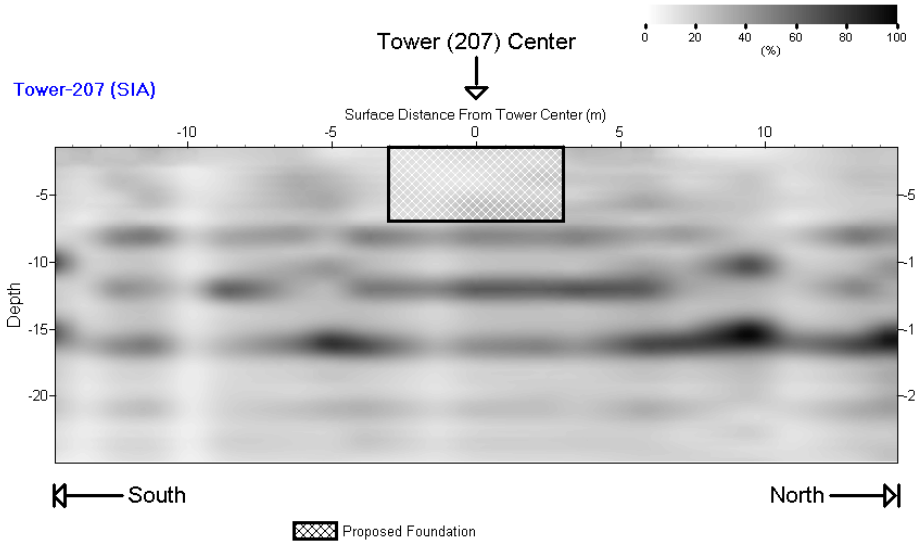


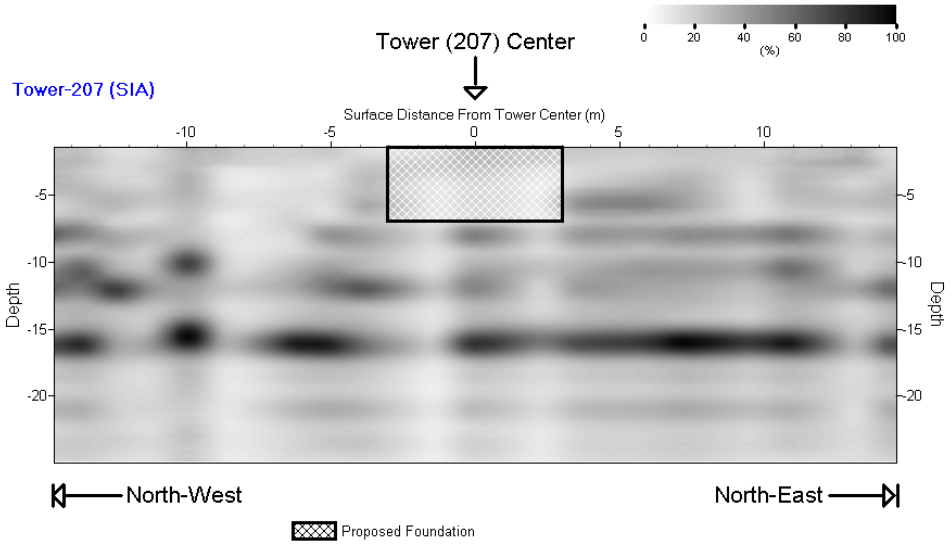


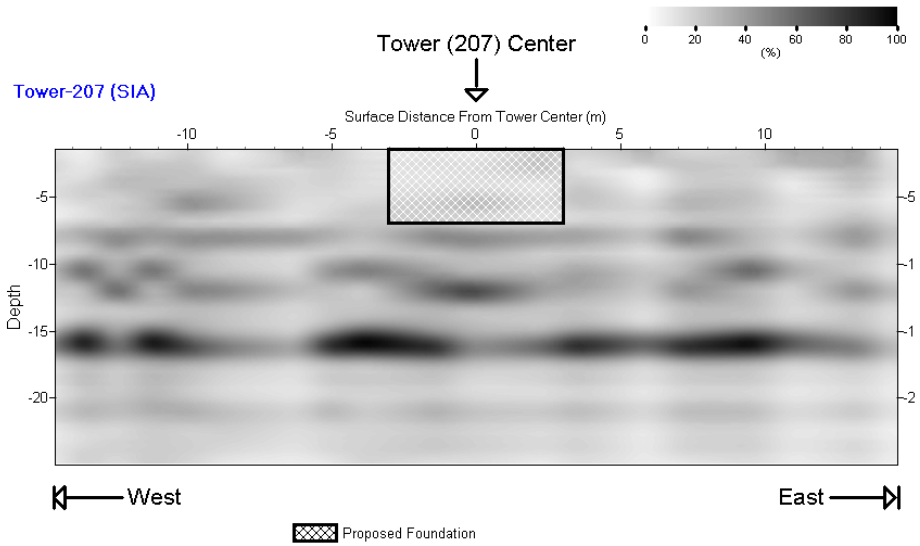
*Line 4 shifted to north by 6 stations (=24ft) from the planned position (12 stations south of tower center) due to terrain condition

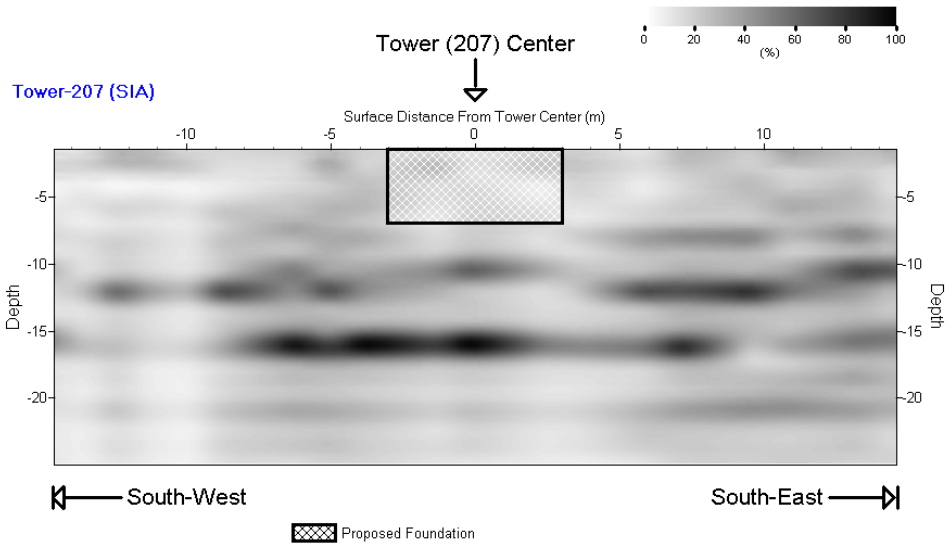
**Data not acquired due to terrain condition (steep drop off)

T-207

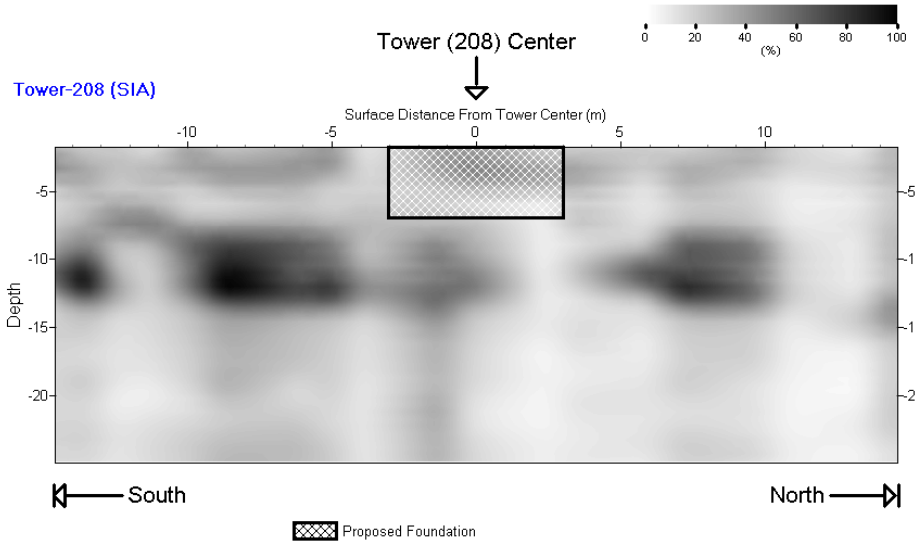

Tower (207) Center
0 20 40 60 80 100
(%)
Tower-207 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth
South
North
Proposed Foundation

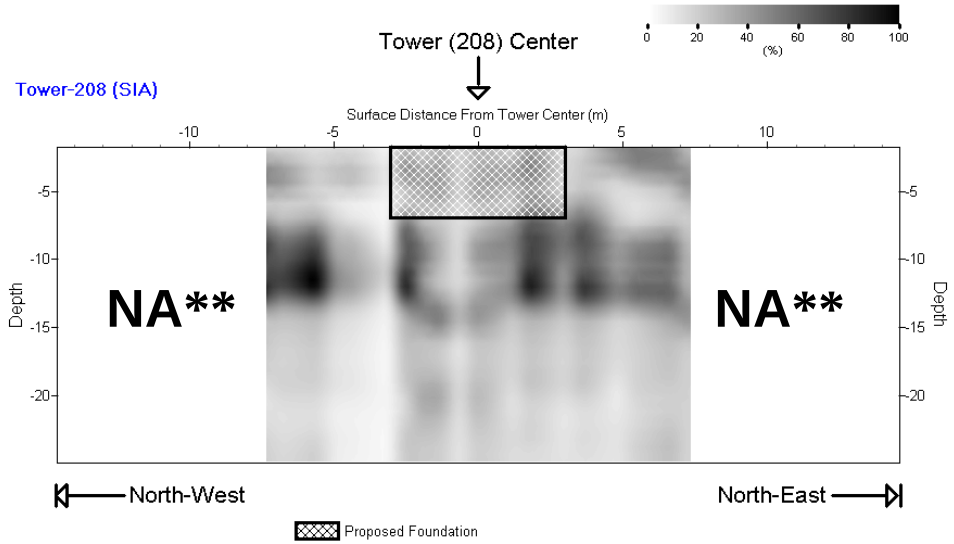

Tower (207) Center
0 20 40 60 80 100
(%)
Tower-207 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth
North-West
North-East
Proposed Foundation

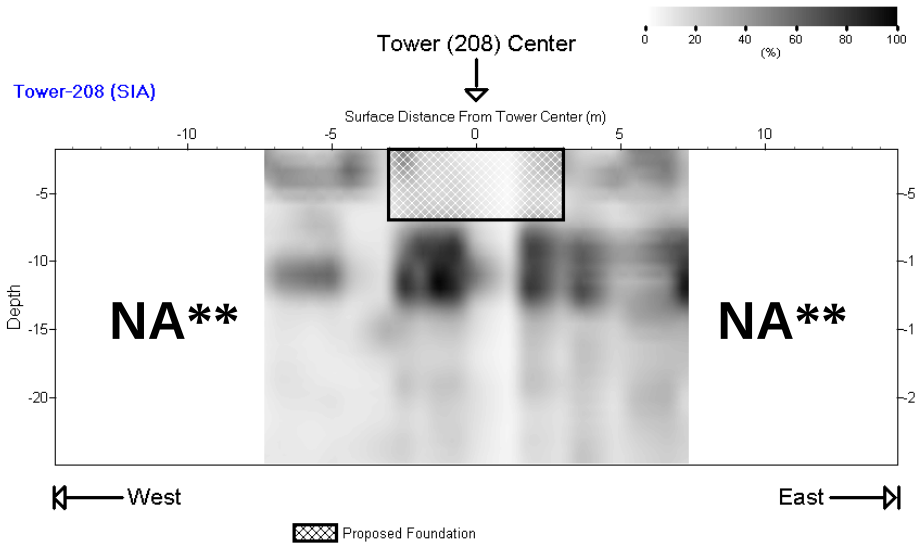

Tower (207) Center
0 20 40 60 80 100
(%)
Tower-207 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth
West
East
Proposed Foundation

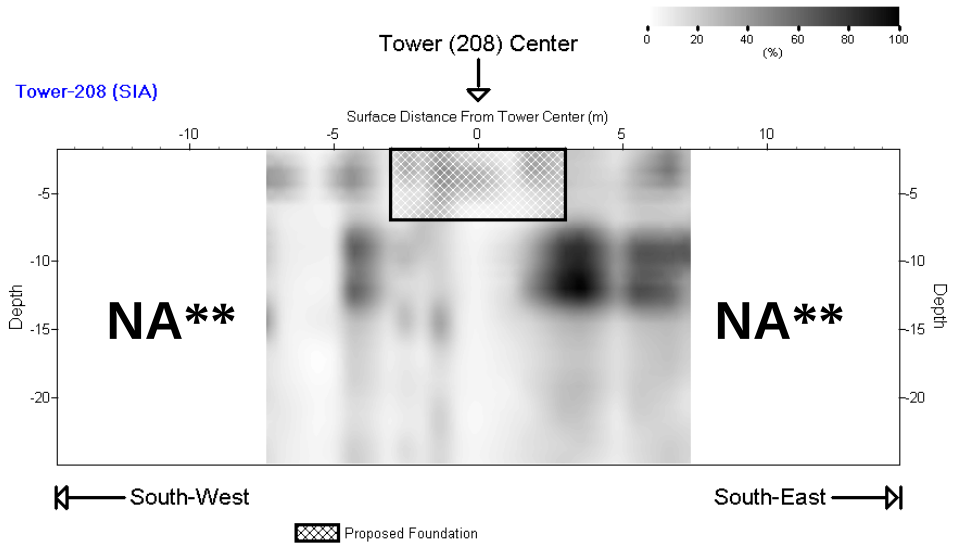

Tower (207) Center
0 20 40 60 80 100
(%)
Tower-207 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth
South-West
South-East
Proposed Foundation

T-208**



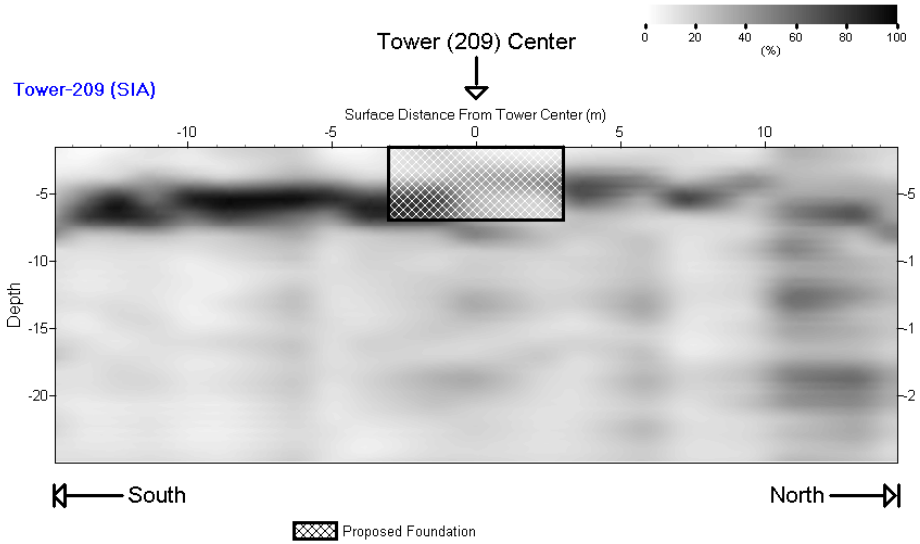


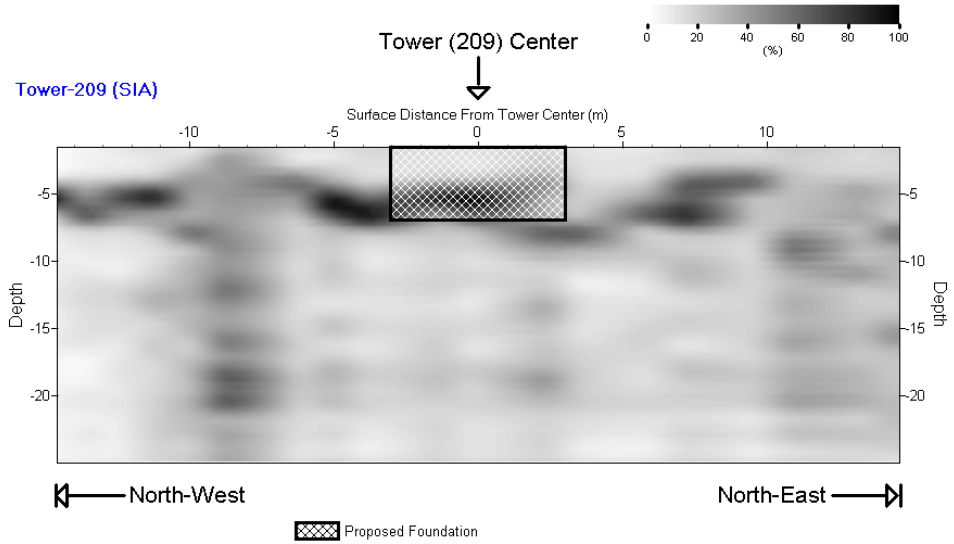


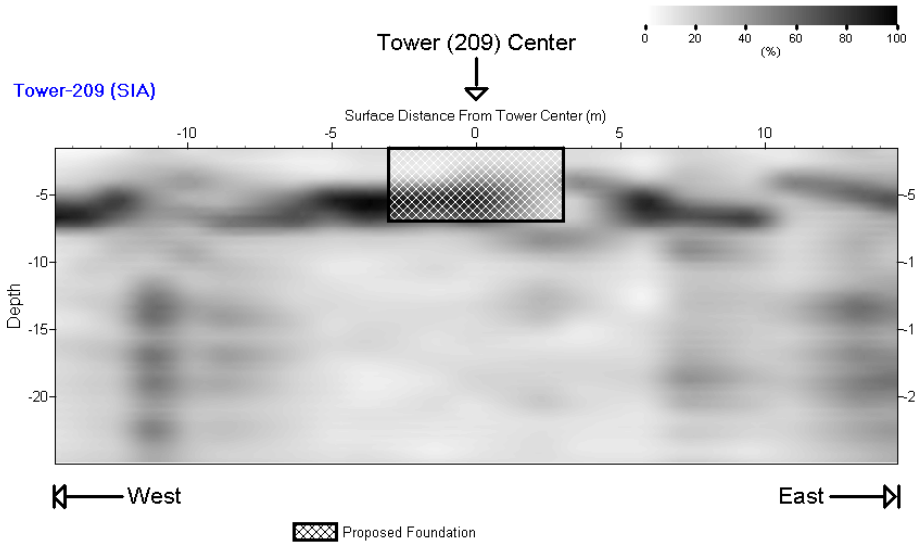


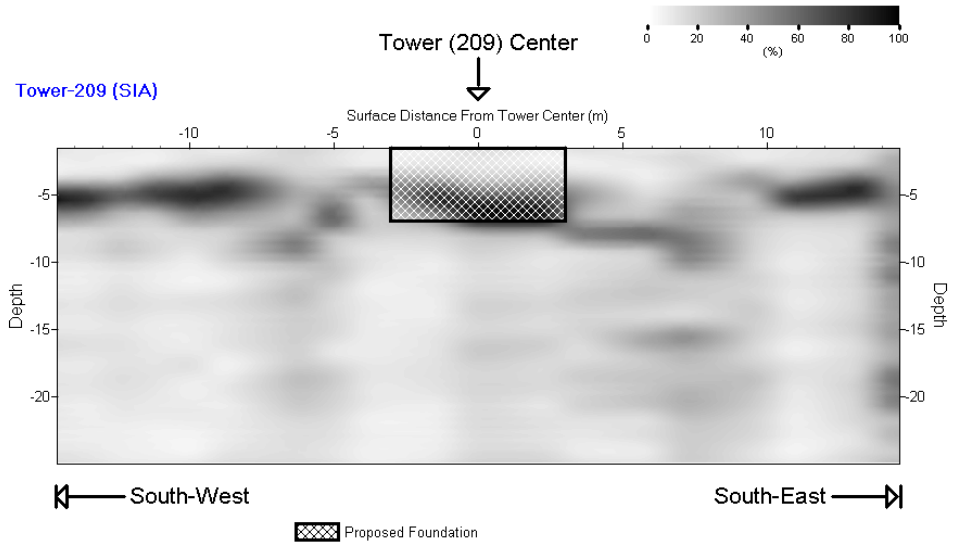
**All East-West lines (2, 3, and 4) used a shorter receiver spacing of 2 ft due to terrain condition (steep drop off).

T-209

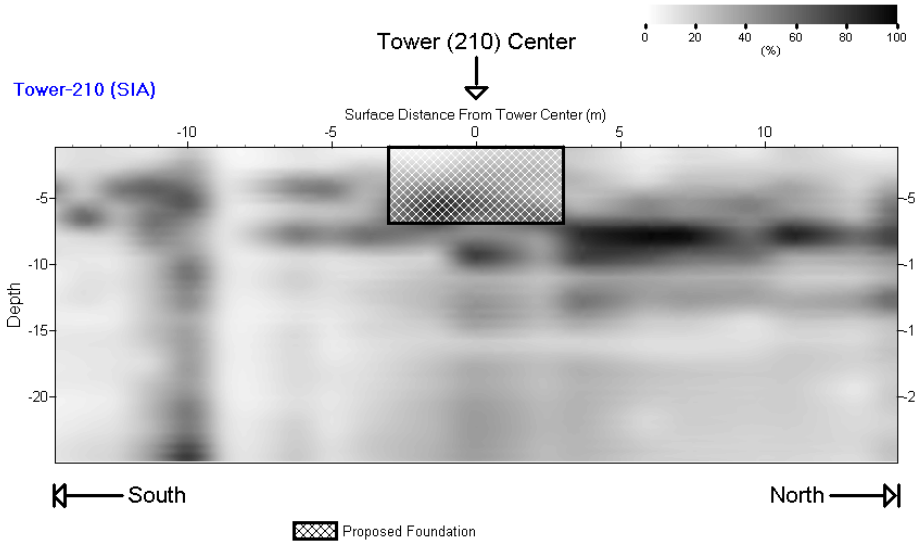

Tower (209) Center
0 20 40 60 80 100
(%)
Tower-209 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

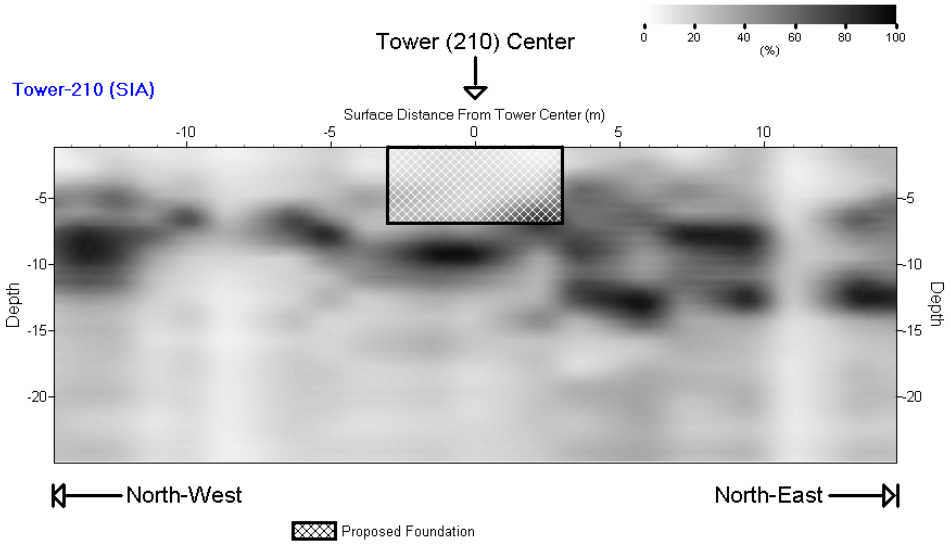

Tower (209) Center
0 20 40 60 80 100
(%)
Tower-209 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

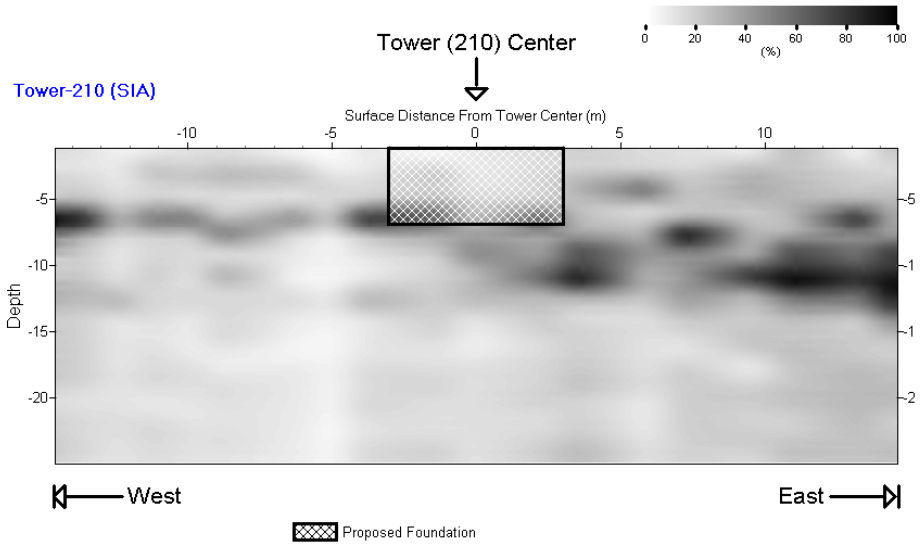

Tower (209) Center
0 20 40 60 80 100
(%)
Tower-209 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

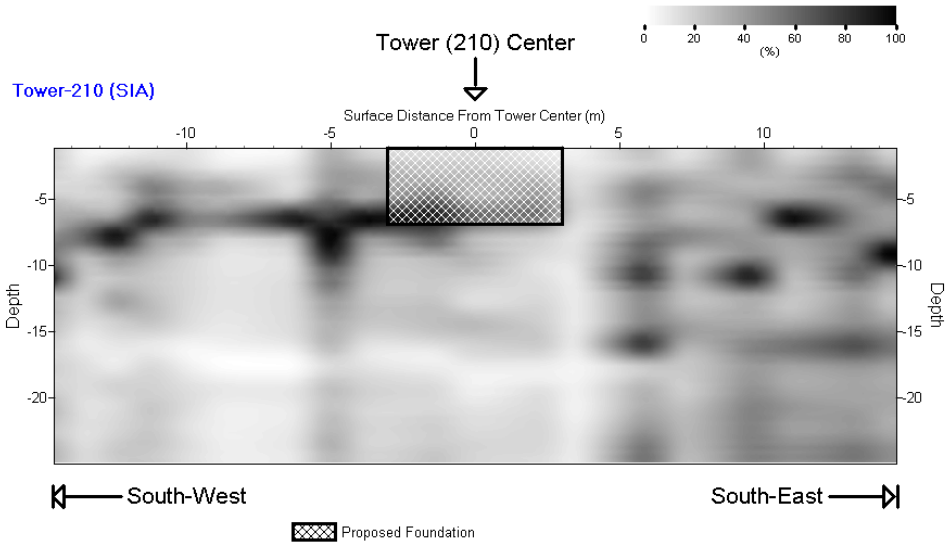

Tower (209) Center
0 20 40 60 80 100
(%)
Tower-209 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-210

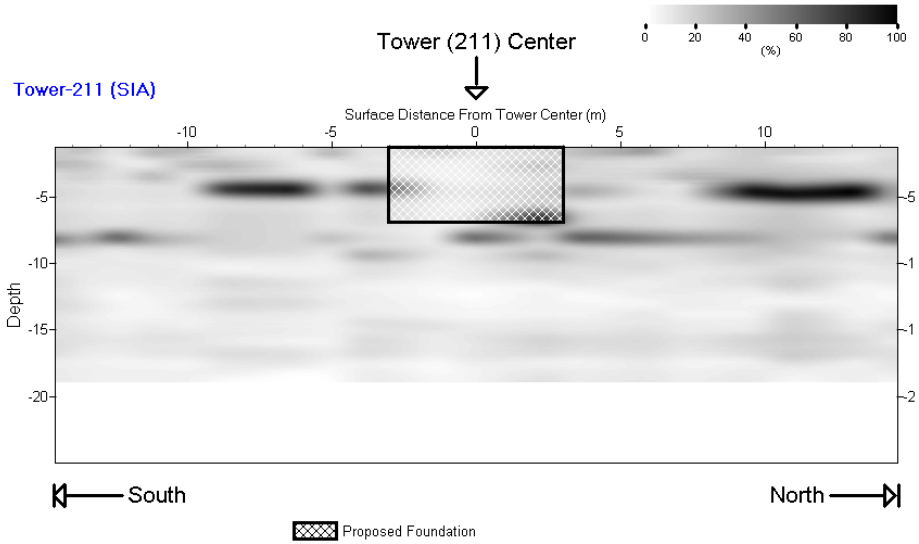

Tower (210) Center
0 20 40 60 80 100
(%)
Tower-210 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

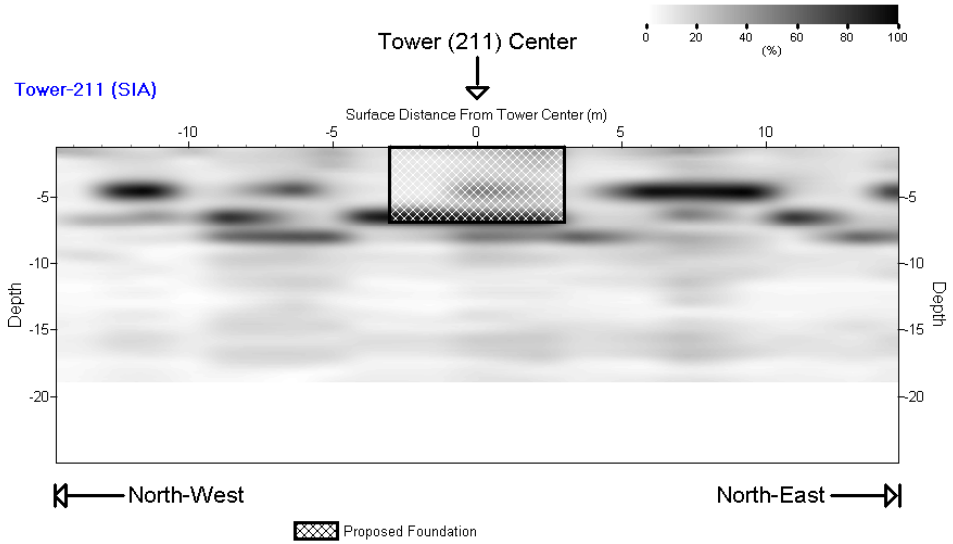

Tower (210) Center
0 20 40 60 80 100
(%)
Tower-210 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

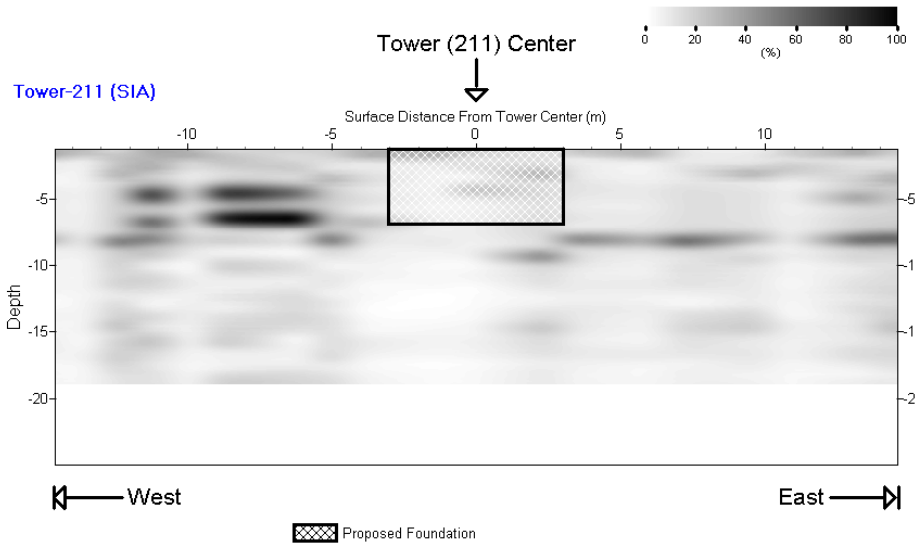

Tower (210) Center
0 20 40 60 80 100
(%)
Tower-210 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

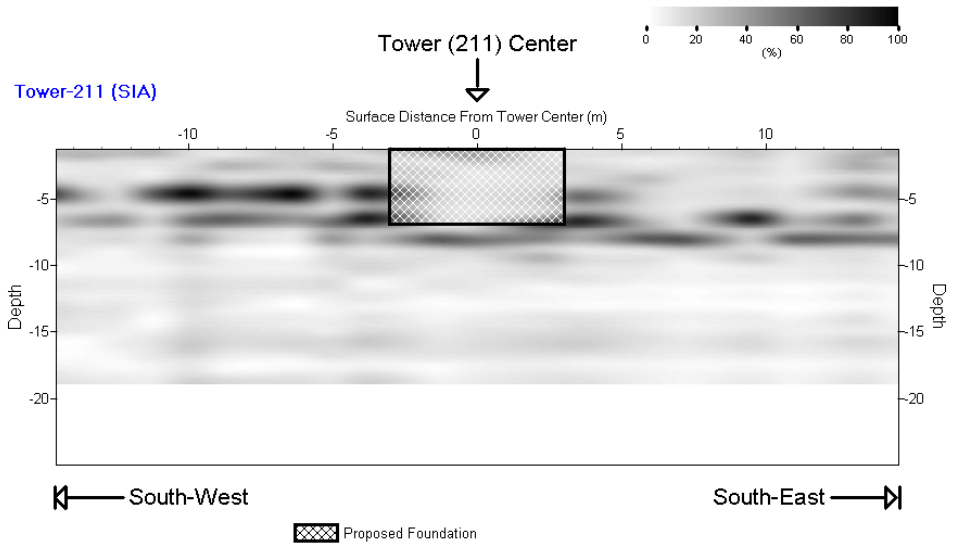

Tower (210) Center
0 20 40 60 80 100
(%)
Tower-210 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-211

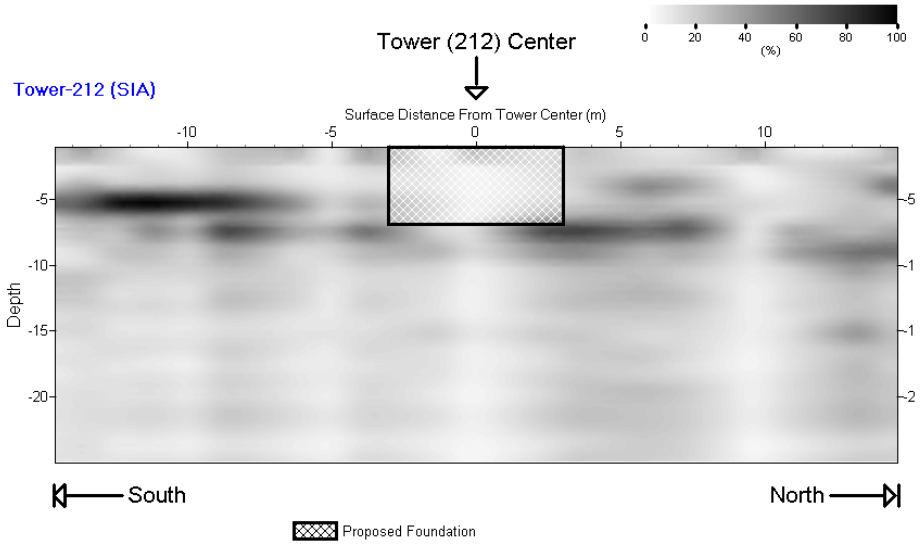

Tower (211) Center
0 20 40 60 80 100
(%)
Tower-211 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

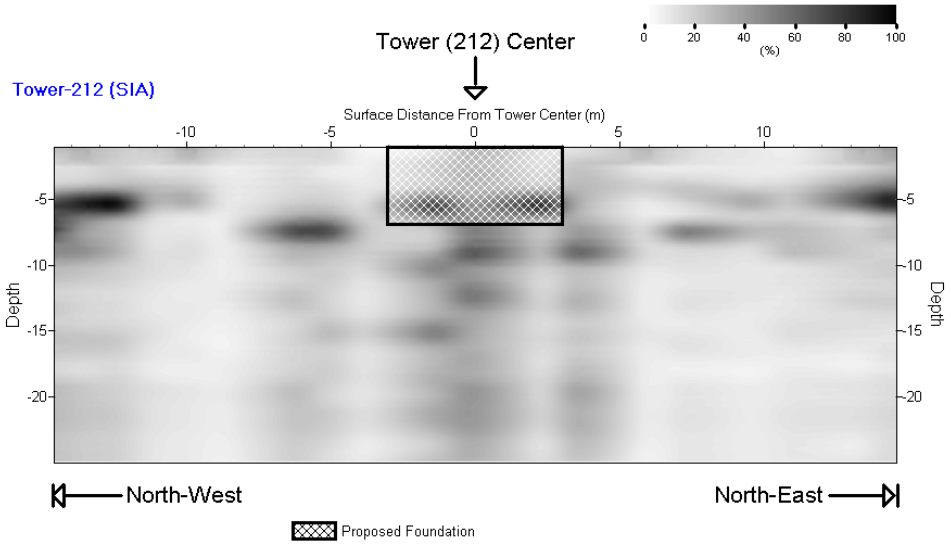

Tower (211) Center
0 20 40 60 80 100
(%)
Tower-211 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

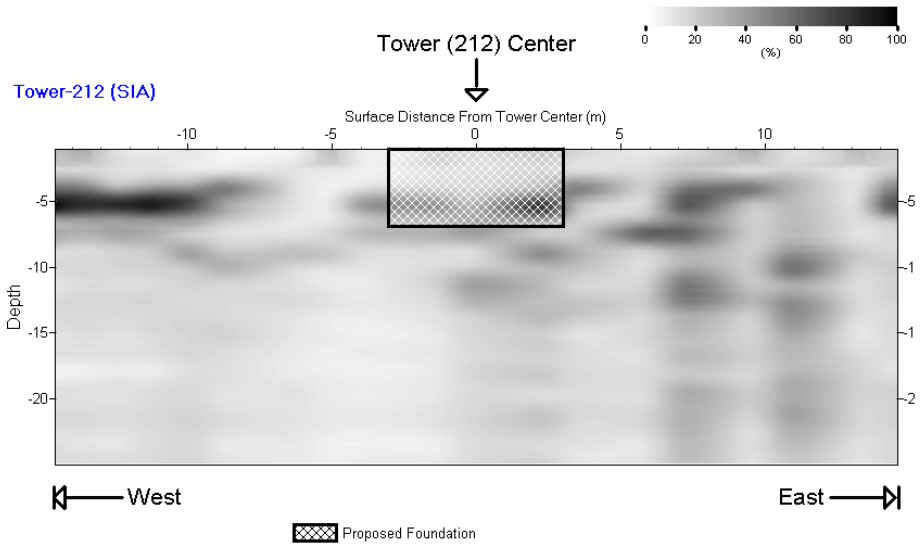

Tower (211) Center
0 20 40 60 80 100
(%)
Tower-211 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

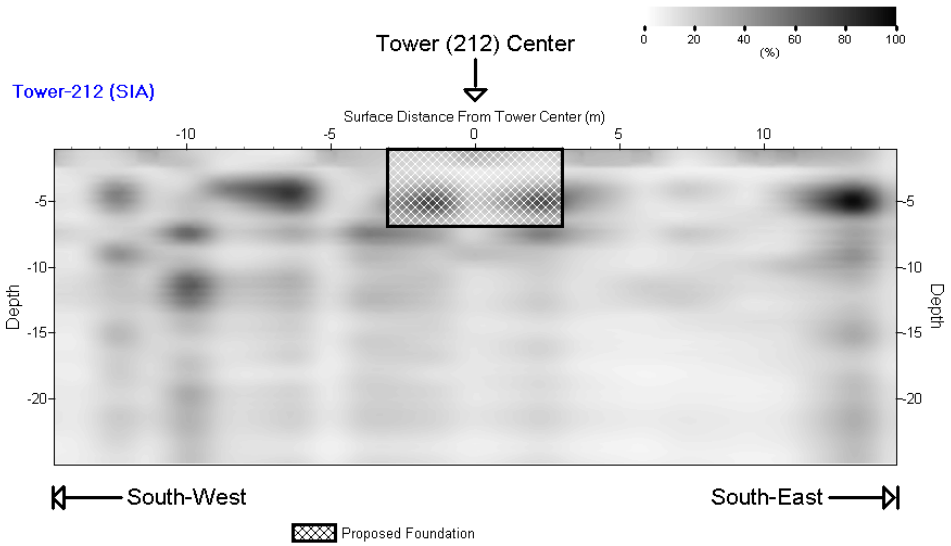

Tower (211) Center
0 20 40 60 80 100
(%)
Tower-211 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-212

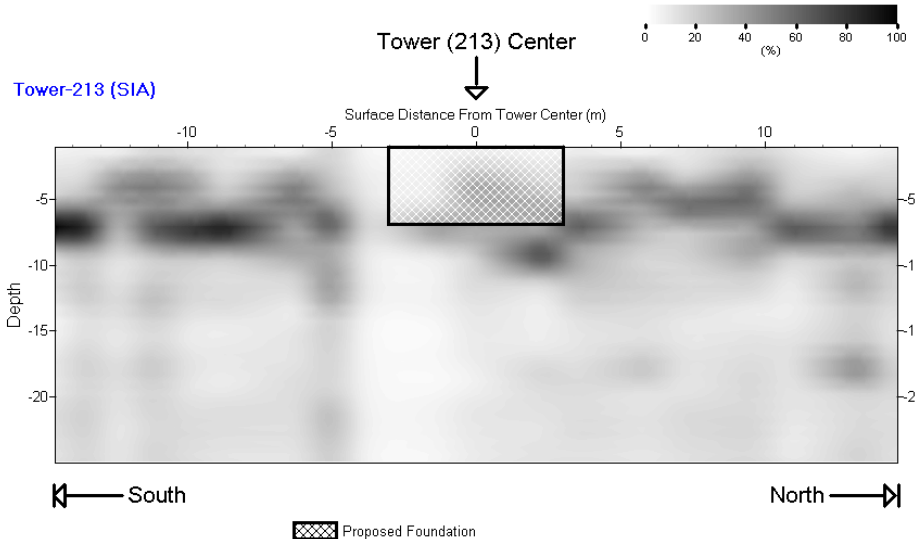

Tower (212) Center
0 20 40 60 80 100
(%)
Tower-212 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

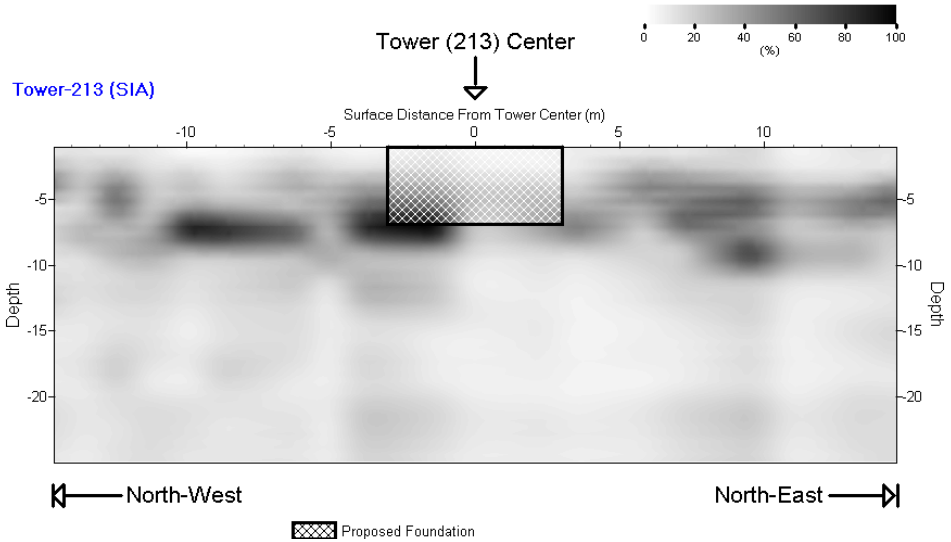

Tower (212) Center
0 20 40 60 80 100
(%)
Tower-212 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

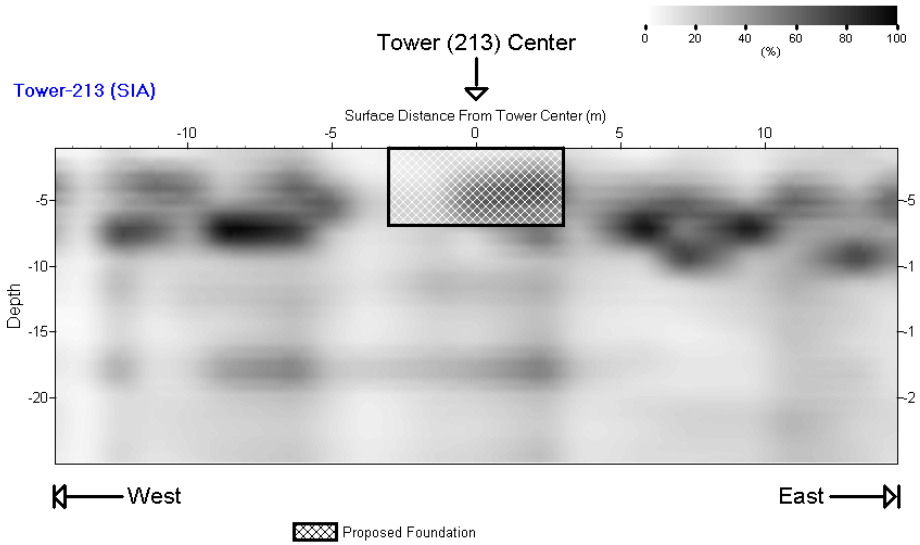

Tower (212) Center
0 20 40 60 80 100
(%)
Tower-212 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

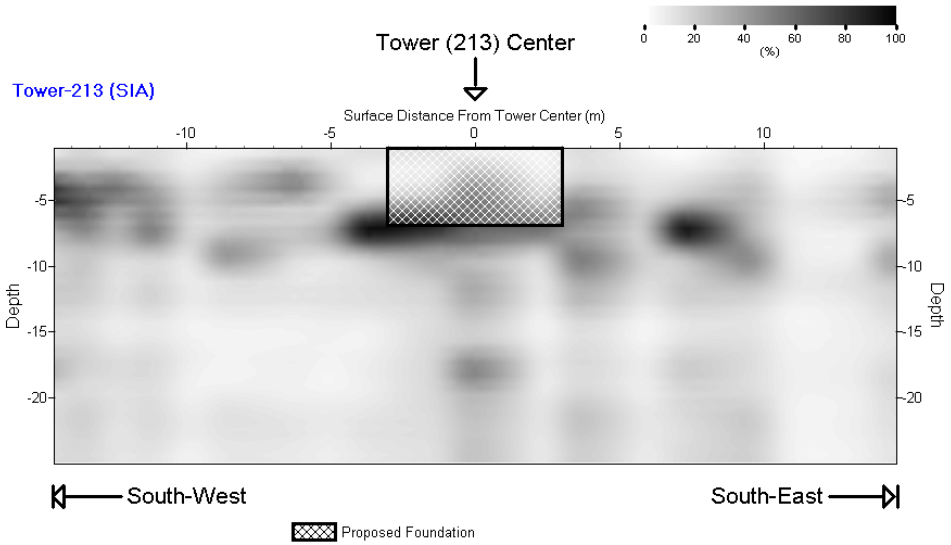

Tower (212) Center
0 20 40 60 80 100
(%)
Tower-212 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-213

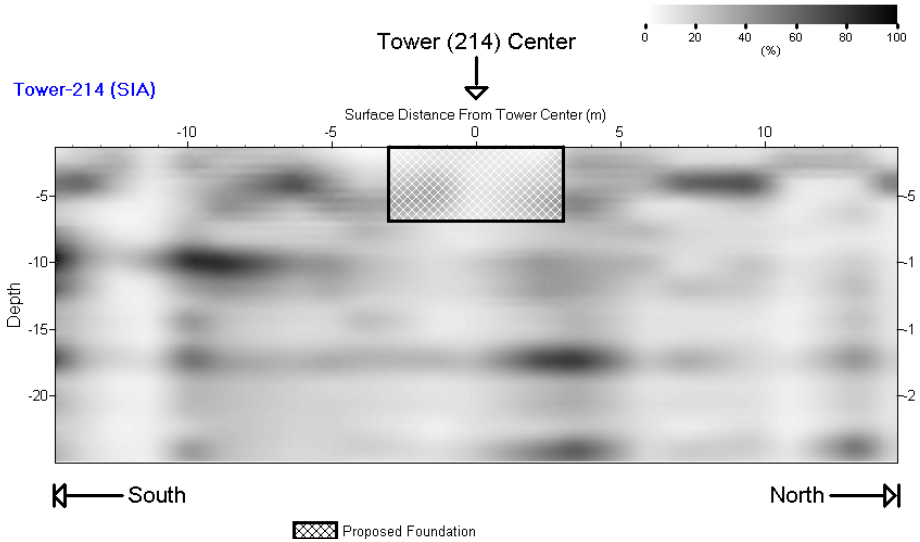

Tower (213) Center
0 20 40 60 80 100
(%)
Tower-213 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

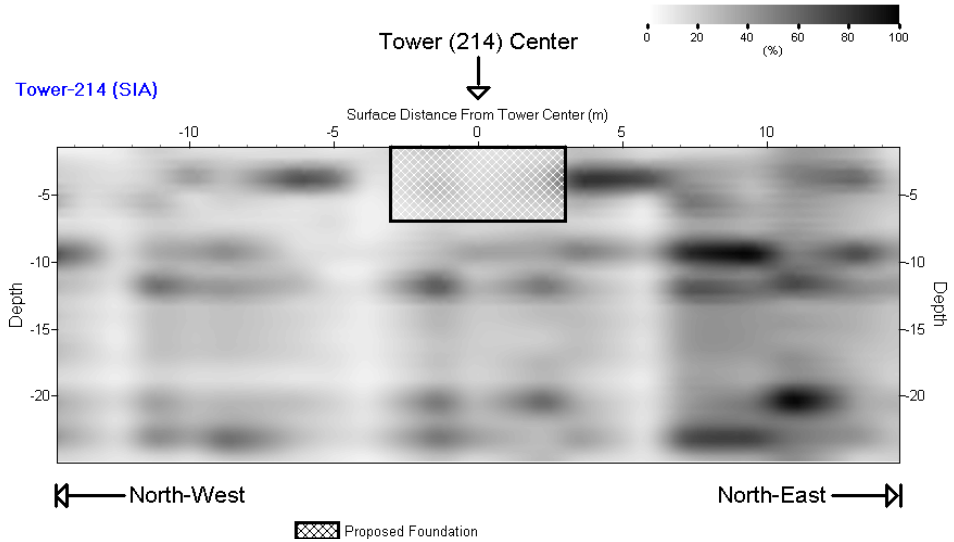

Tower (213) Center
0 20 40 60 80 100
(%)
Tower-213 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

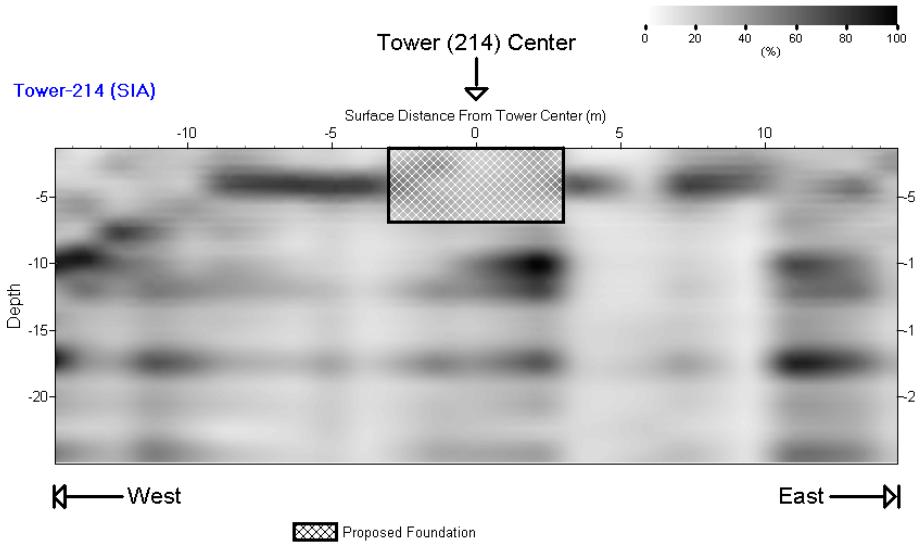

Tower (213) Center
0 20 40 60 80 100
(%)
Tower-213 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

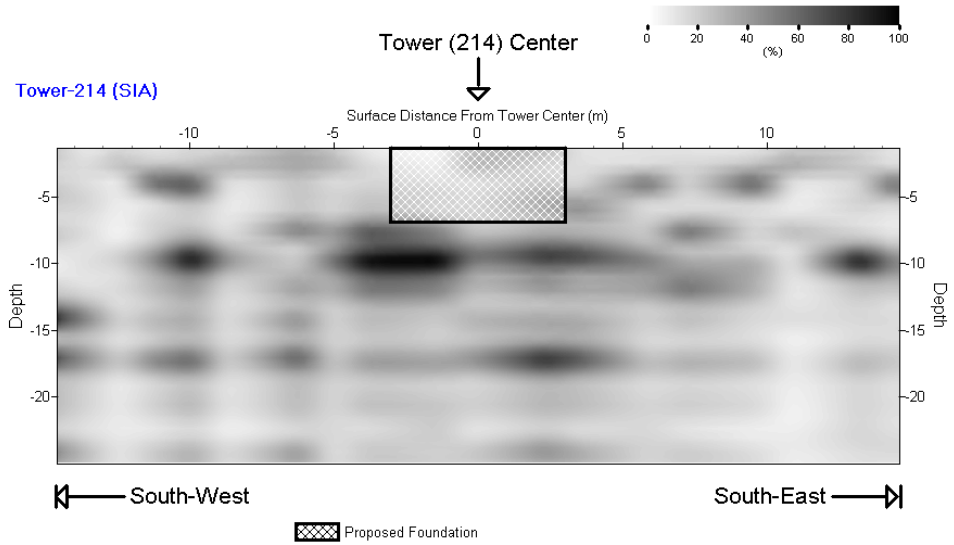

Tower (213) Center
0 20 40 60 80 100
(%)
Tower-213 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-214

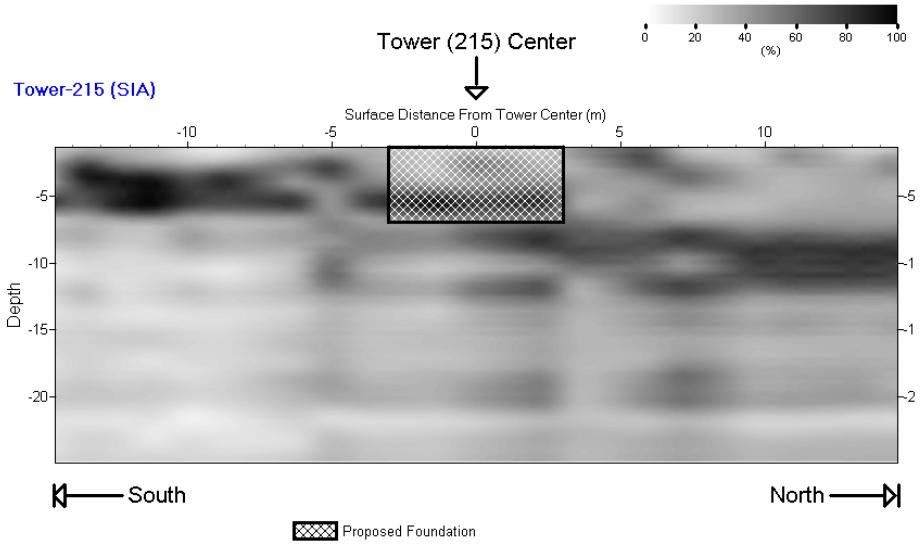

Tower (214) Center
0 20 40 60 80 100
(%)
Tower-214 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

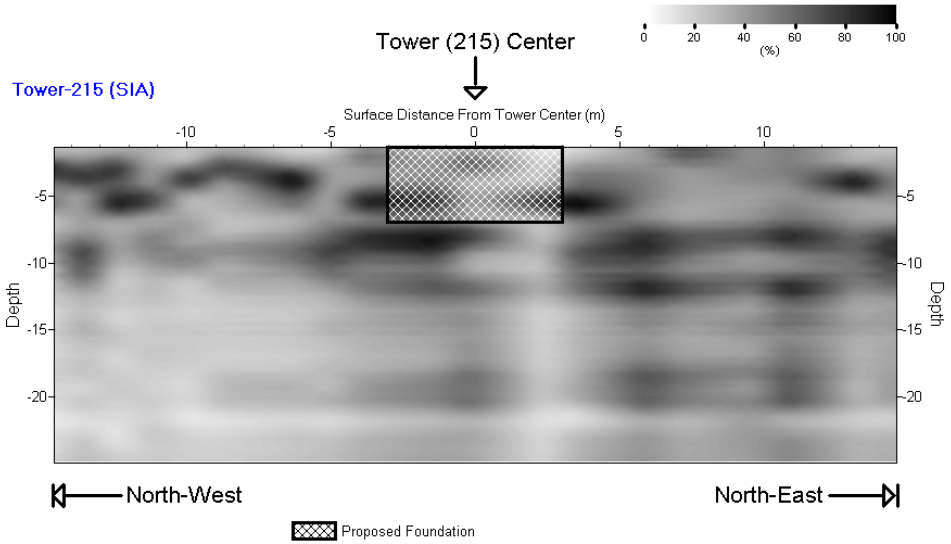

Tower (214) Center
0 20 40 60 80 100
(%)
Tower-214 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

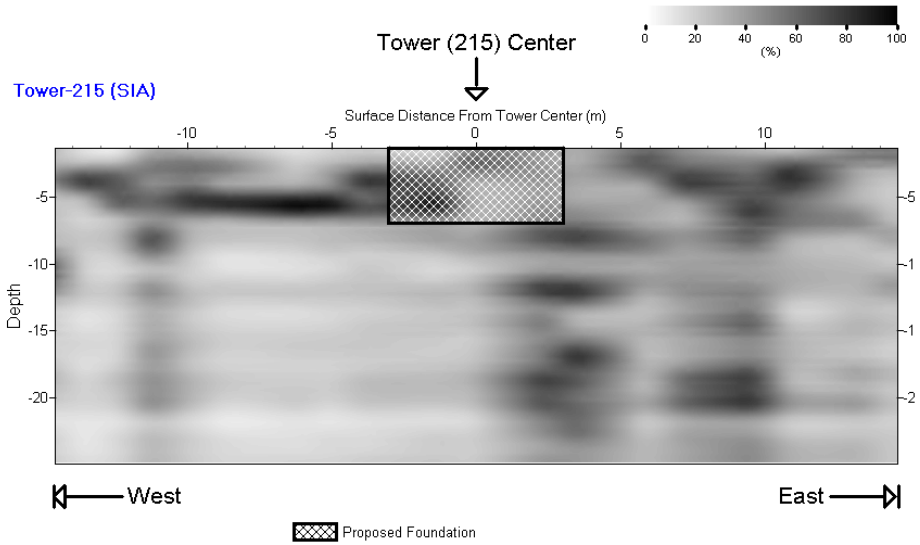

Tower (214) Center
0 20 40 60 80 100
(%)
Tower-214 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

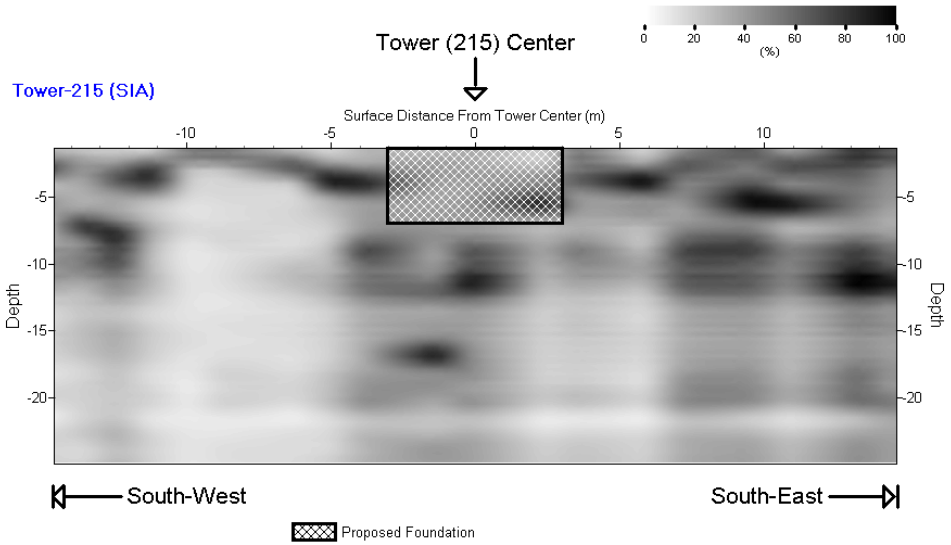

Tower (214) Center
0 20 40 60 80 100
(%)
Tower-214 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-215

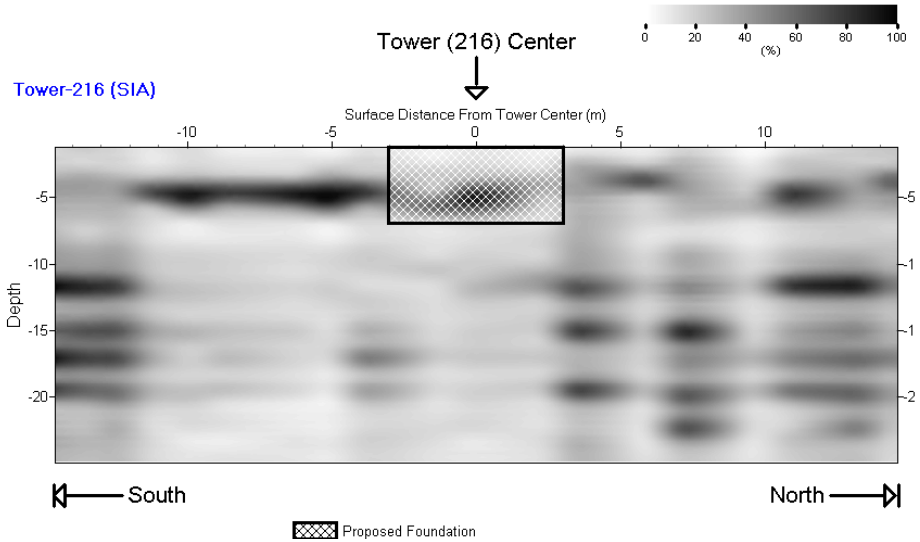

Tower (215) Center
0 20 40 60 80 100
(%)
Tower-215 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

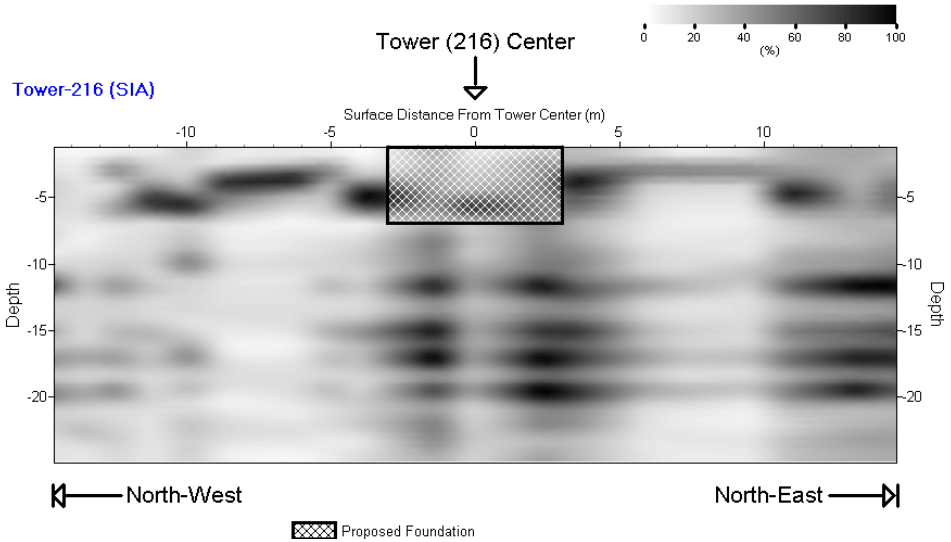

Tower (215) Center
0 20 40 60 80 100
(%)
Tower-215 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

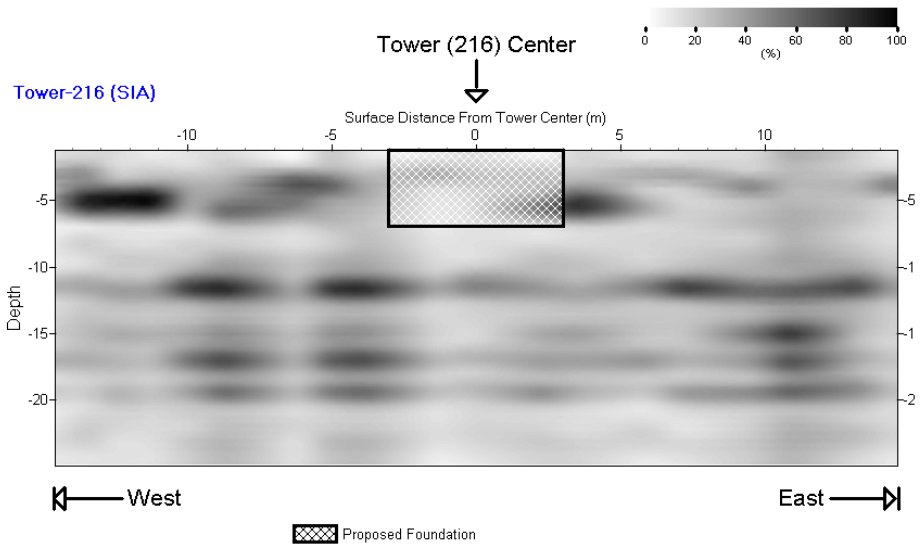

Tower (215) Center
0 20 40 60 80 100
(%)
Tower-215 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

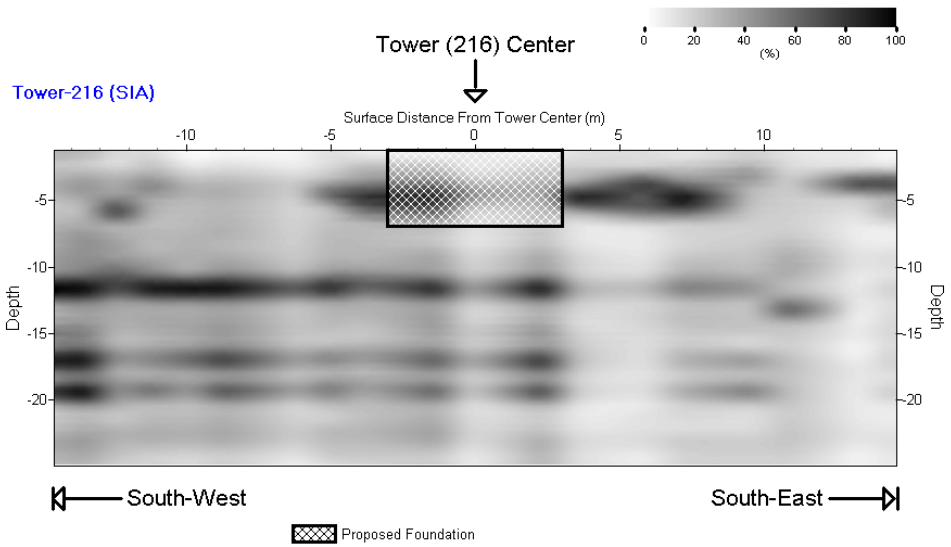

Tower (215) Center
0 20 40 60 80 100
(%)
Tower-215 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-216

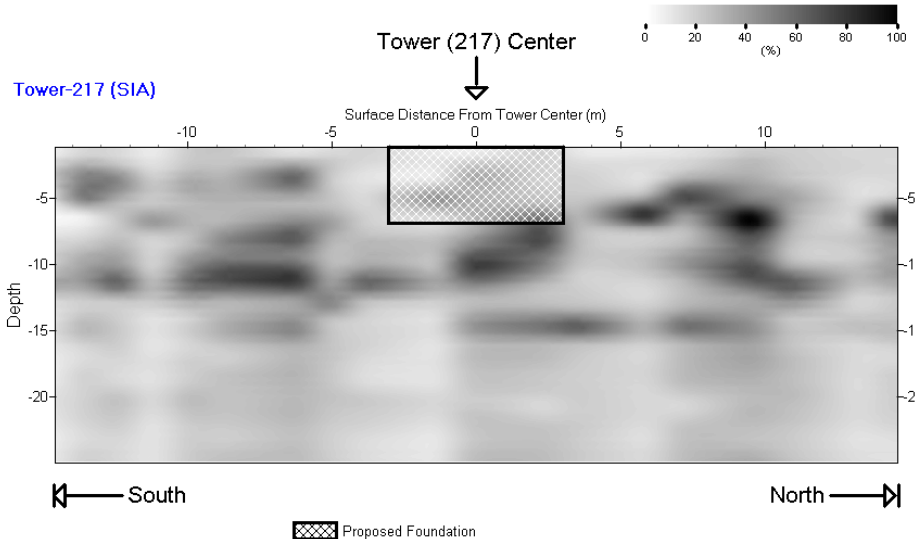

Tower (216) Center
0 20 40 60 80 100
(%)
Tower-216 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

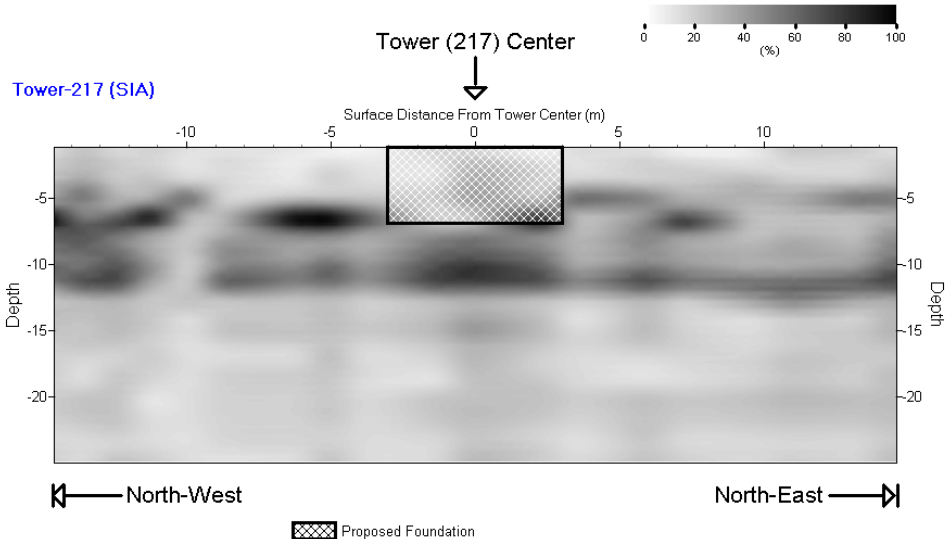

Tower (216) Center
0 20 40 60 80 100
(%)
Tower-216 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

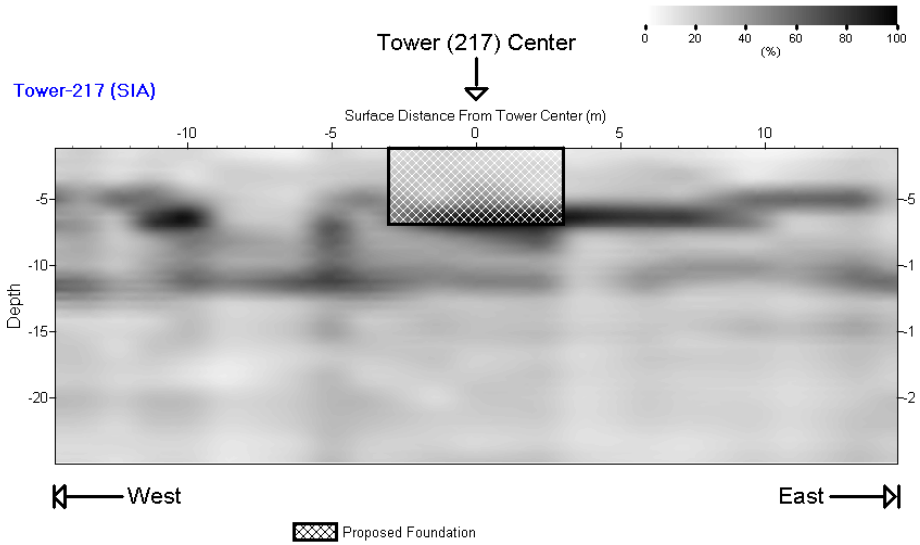

Tower (216) Center
0 20 40 60 80 100
(%)
Tower-216 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

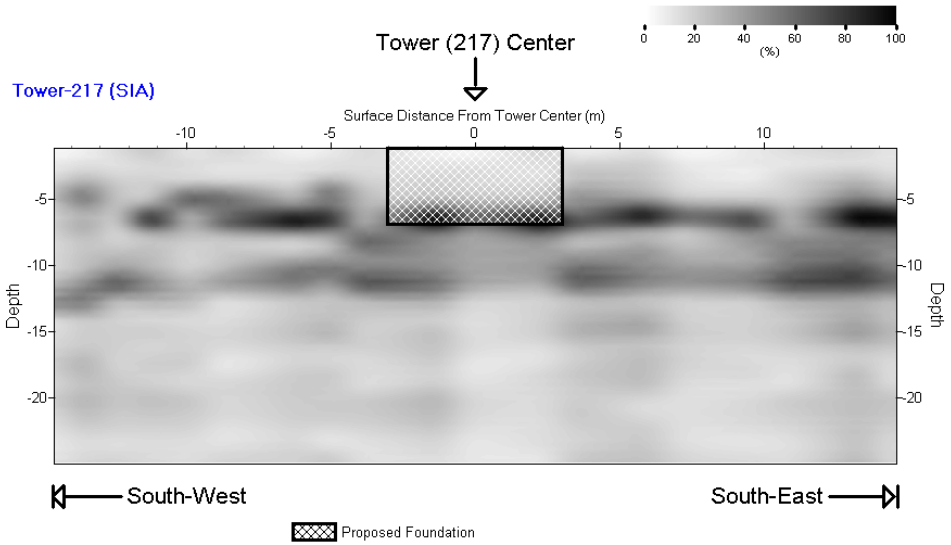

Tower (216) Center
0 20 40 60 80 100
(%)
Tower-216 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-217

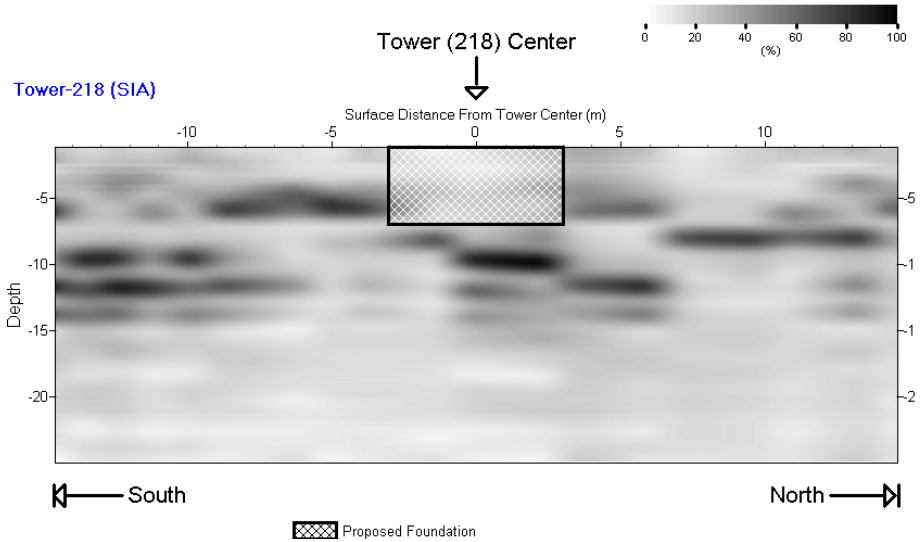

Tower (217) Center
0 20 40 60 80 100
(%)
Tower-217 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

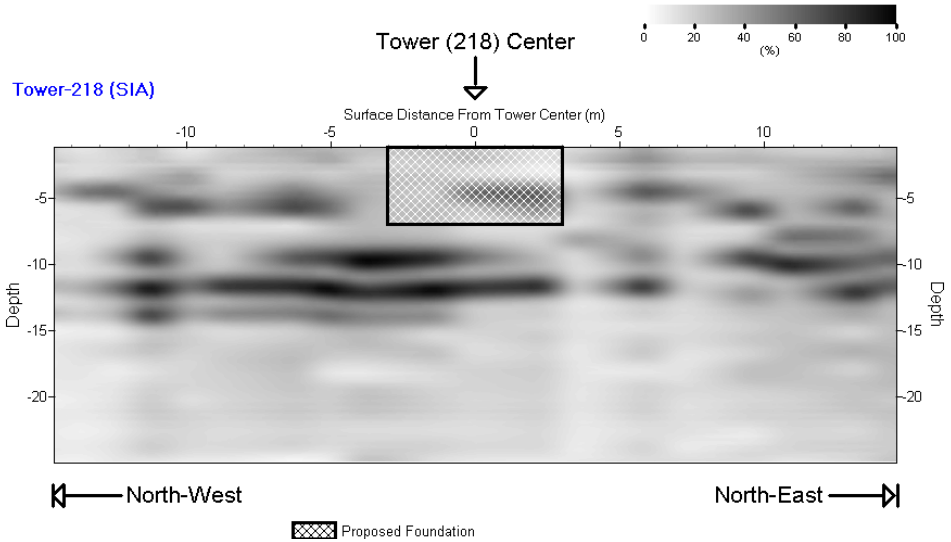

Tower (217) Center
0 20 40 60 80 100
(%)
Tower-217 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

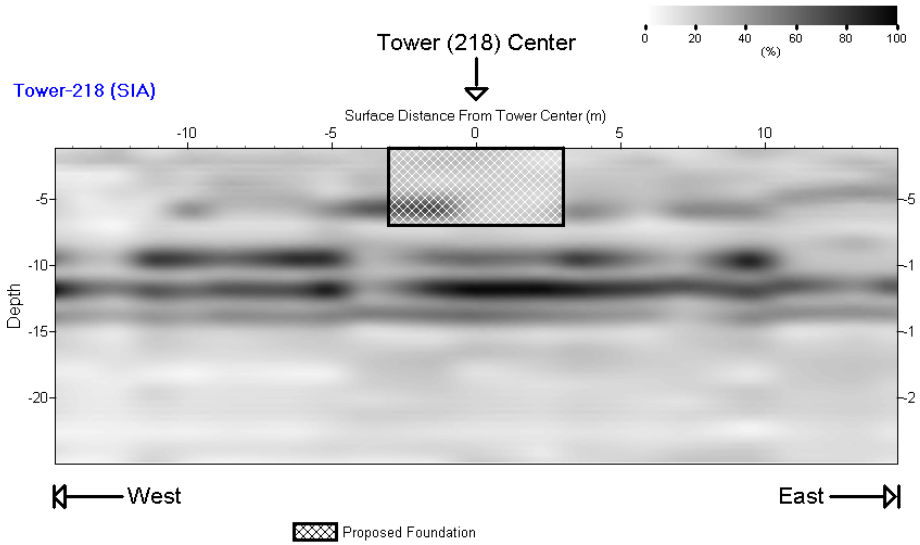

Tower (217) Center
0 20 40 60 80 100
(%)
Tower-217 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

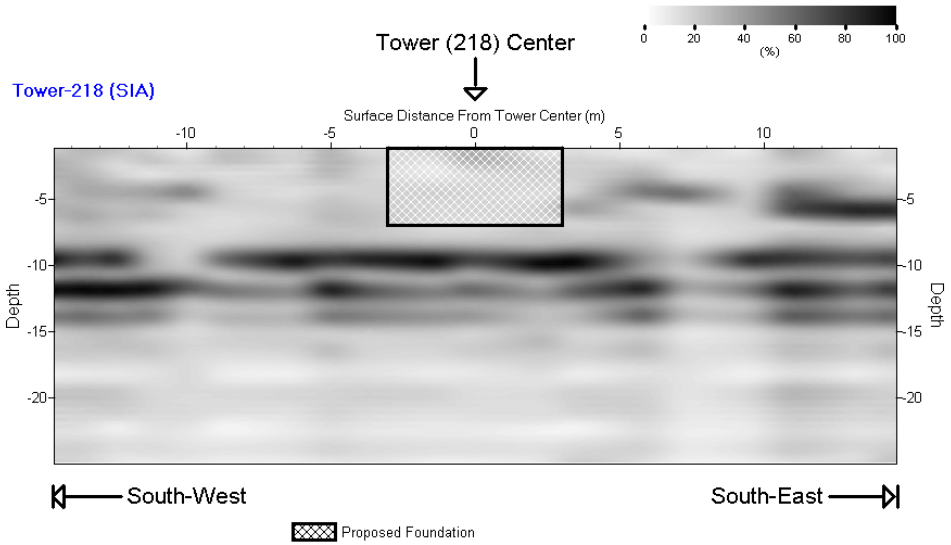

Tower (217) Center
0 20 40 60 80 100
(%)
Tower-217 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-218

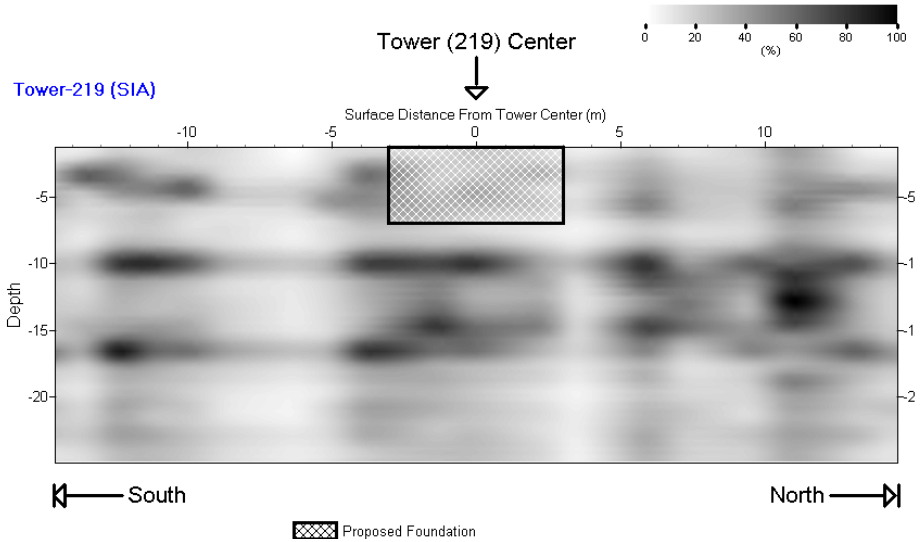

Tower (218) Center
0 20 40 60 80 100
(%)
Tower-218 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

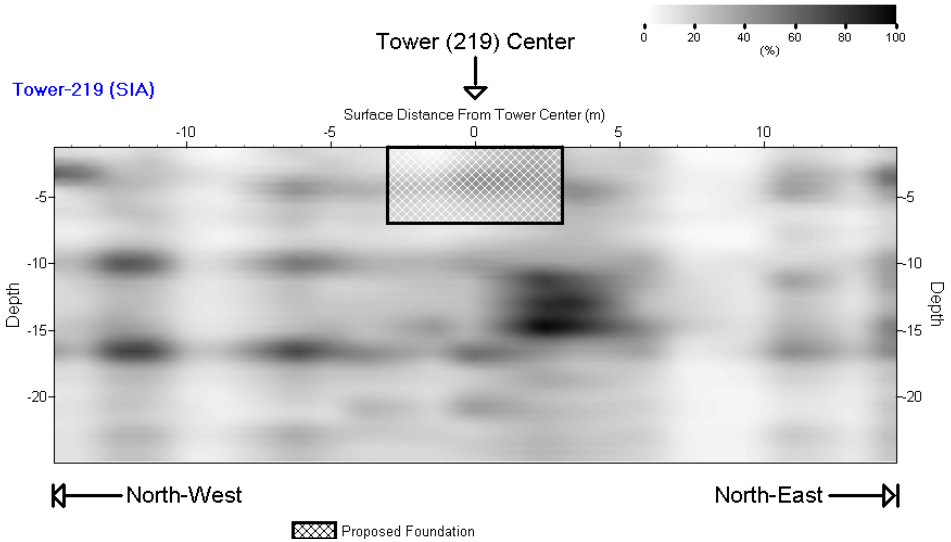

Tower (218) Center
0 20 40 60 80 100
(%)
Tower-218 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

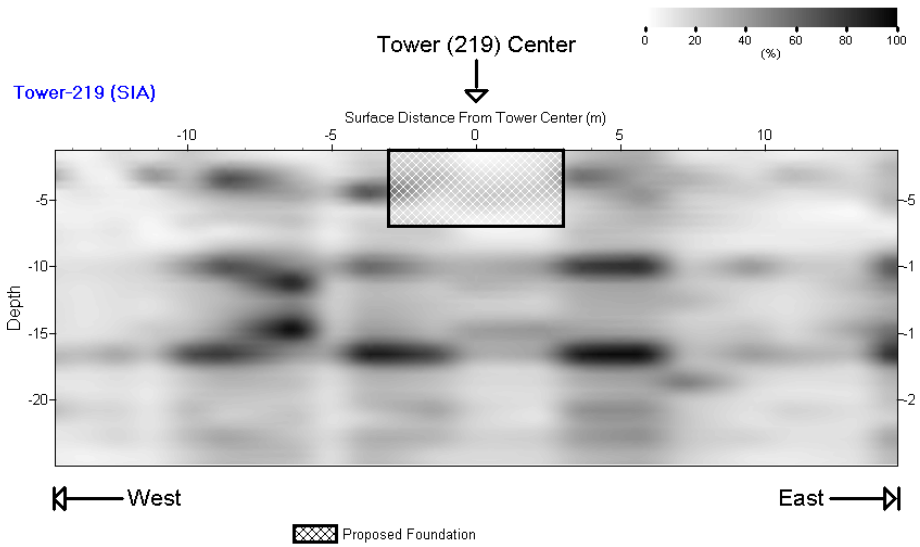

Tower (218) Center
0 20 40 60 80 100
(%)
Tower-218 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

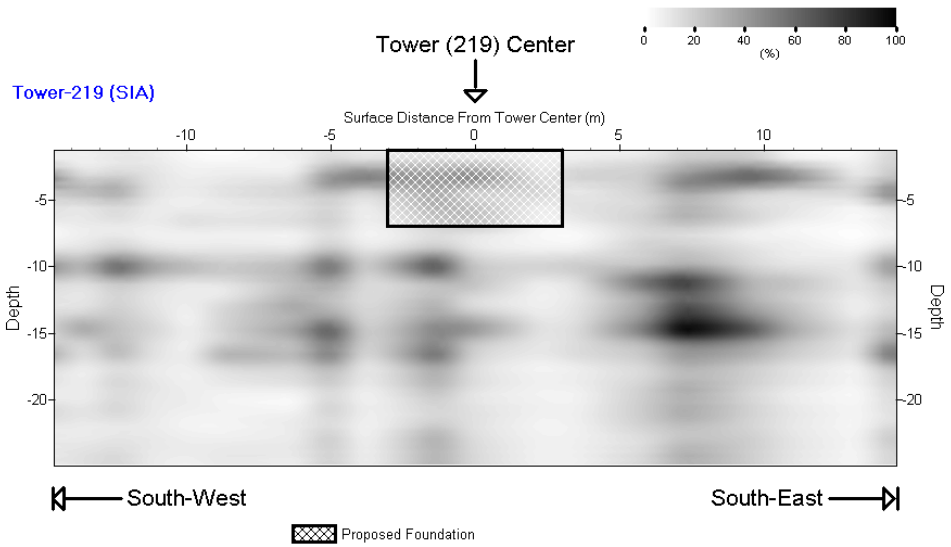

Tower (218) Center
0 20 40 60 80 100
(%)
Tower-218 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-219

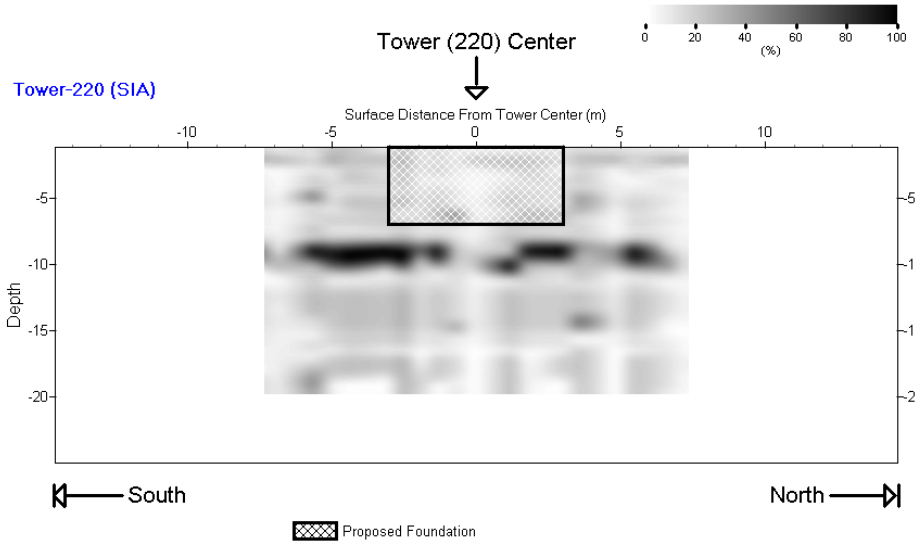

Tower (219) Center
0 20 40 60 80 100
(%)
Tower-219 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

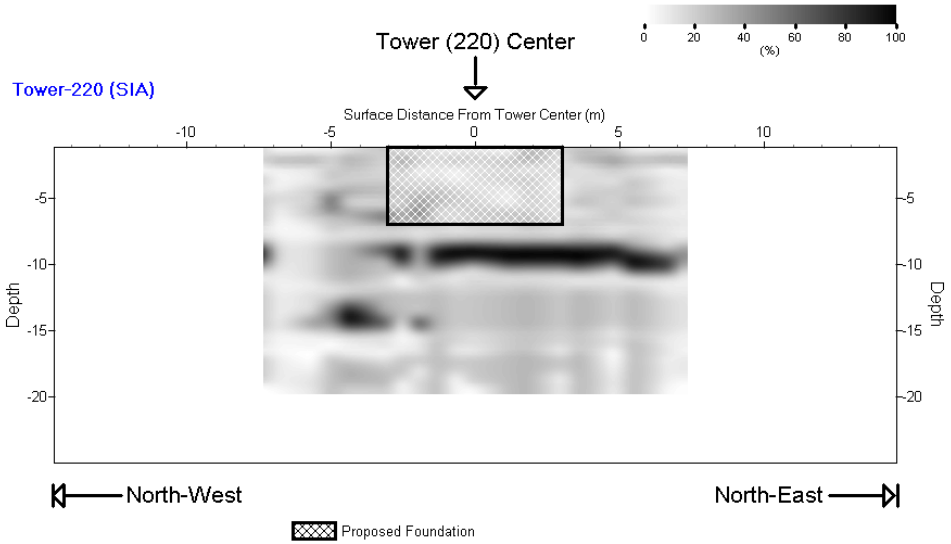

Tower (219) Center
0 20 40 60 80 100
(%)
Tower-219 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

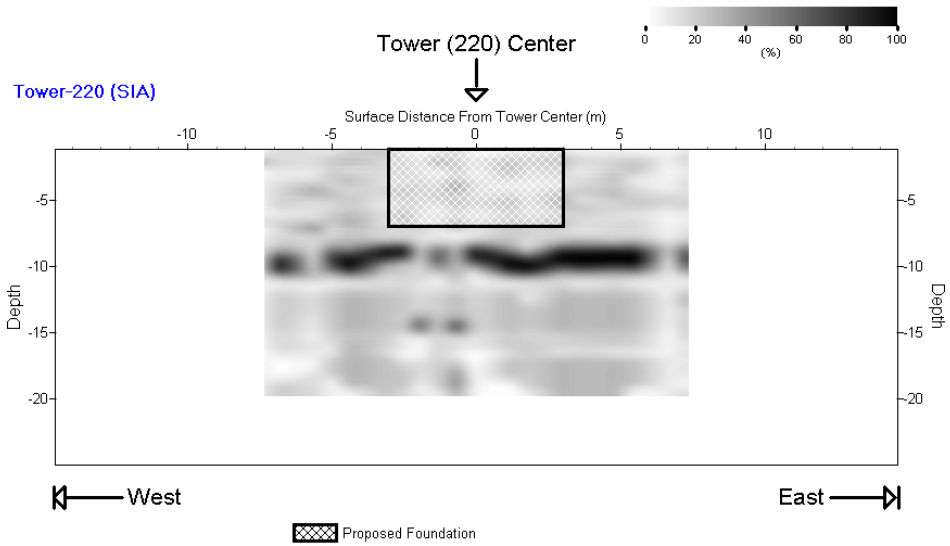

Tower (219) Center
0 20 40 60 80 100
(%)
Tower-219 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation


Tower (219) Center
0 20 40 60 80 100
(%)
Tower-219 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-220**

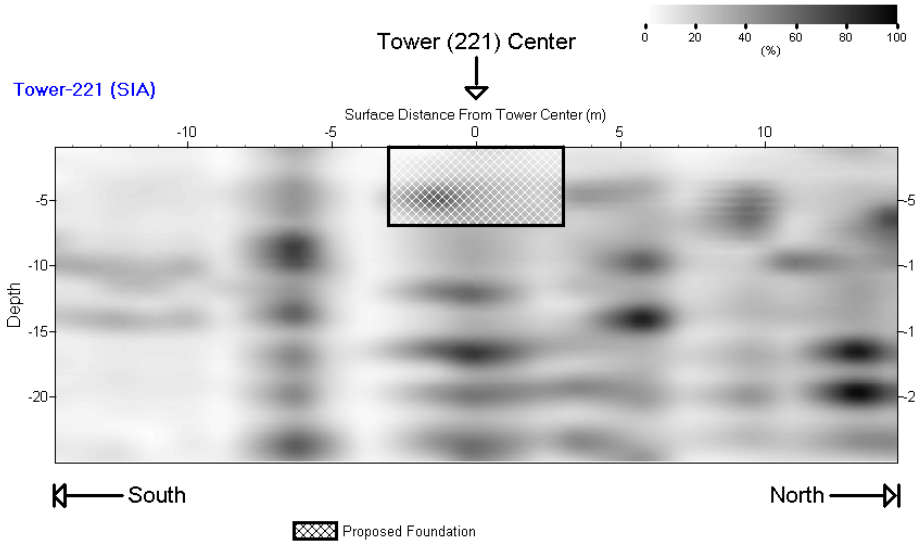


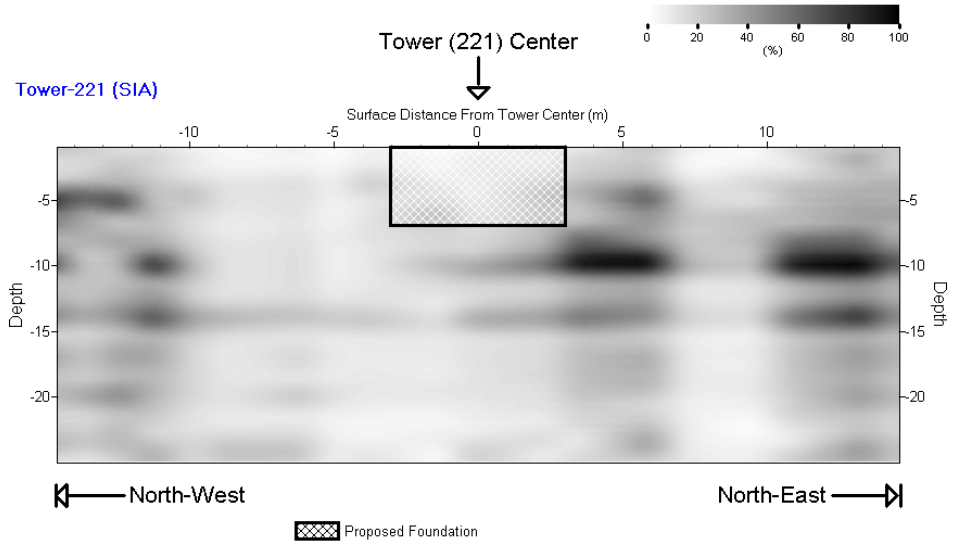


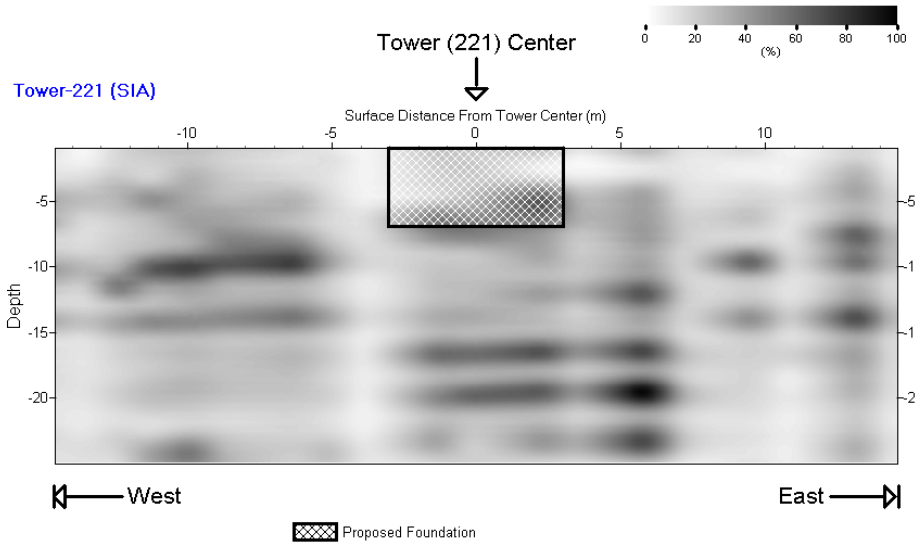


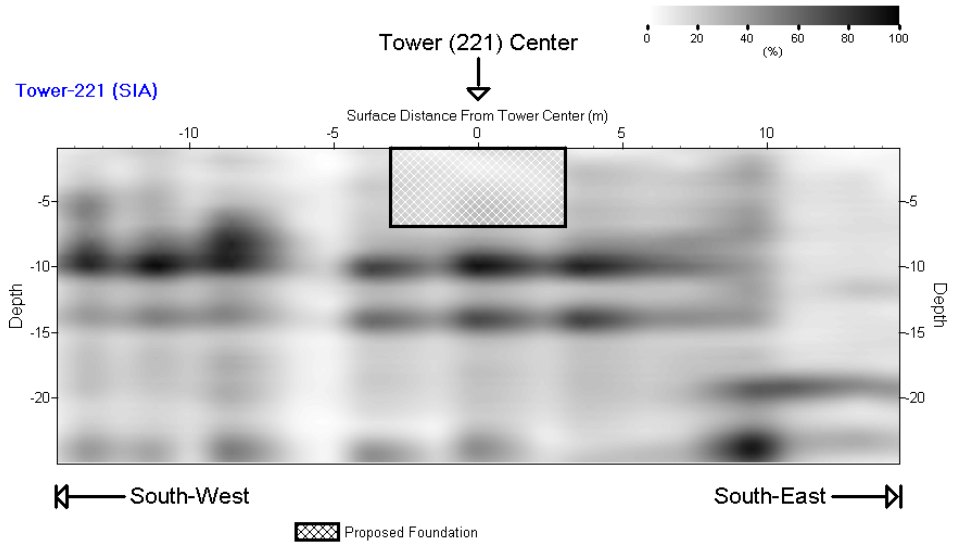
**A shorter receiver spacing of 2 ft was used and line 4 was not acquired due to terrain condition (steep drop off).

T-221

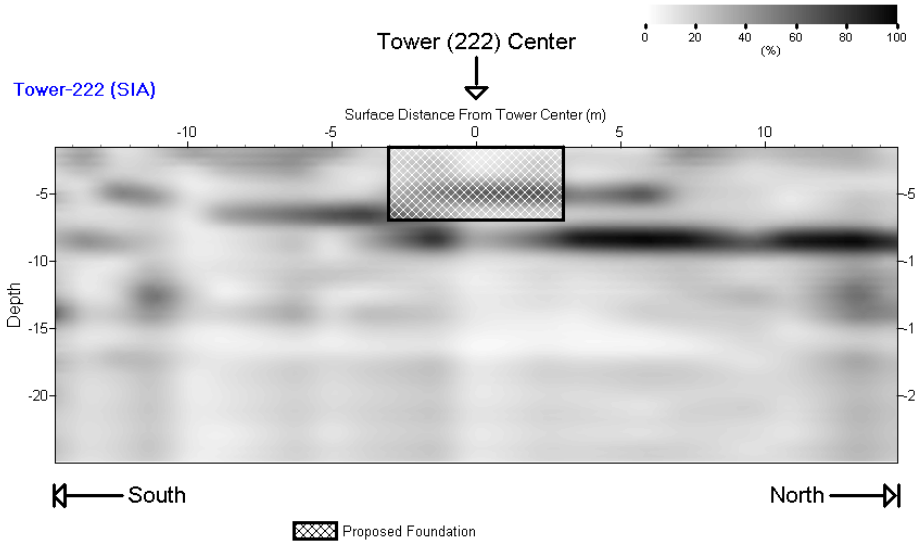

Tower (221) Center
0 20 40 60 80 100
(%)
Tower-221 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

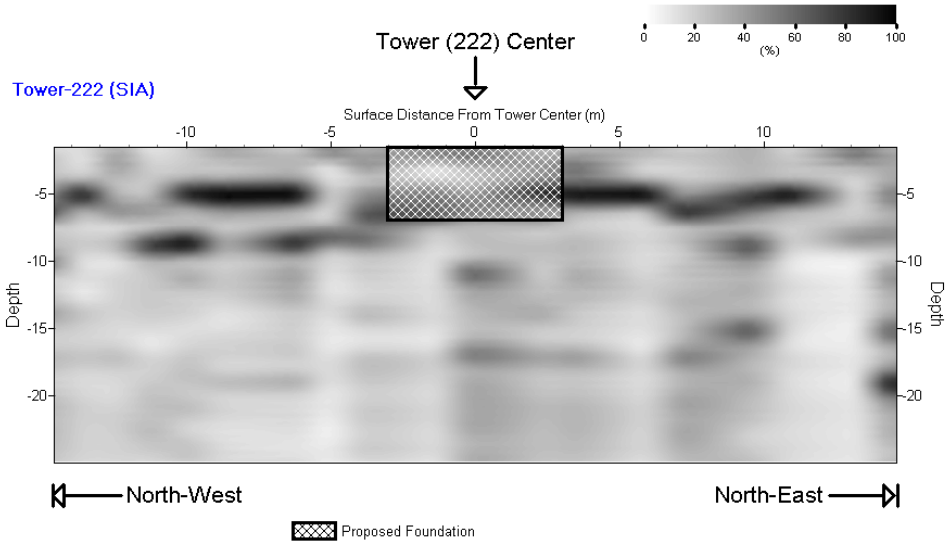

Tower (221) Center
0 20 40 60 80 100
(%)
Tower-221 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

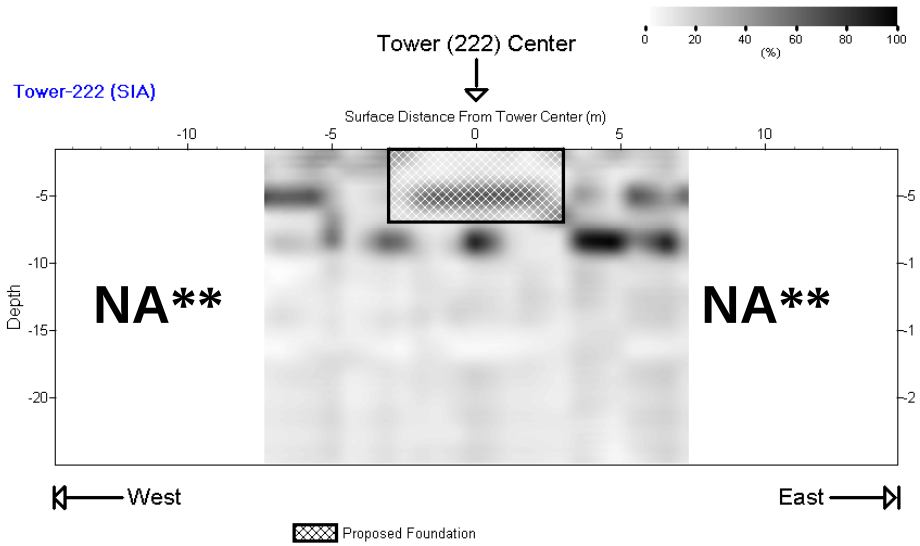

Tower (221) Center
0 20 40 60 80 100
(%)
Tower-221 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

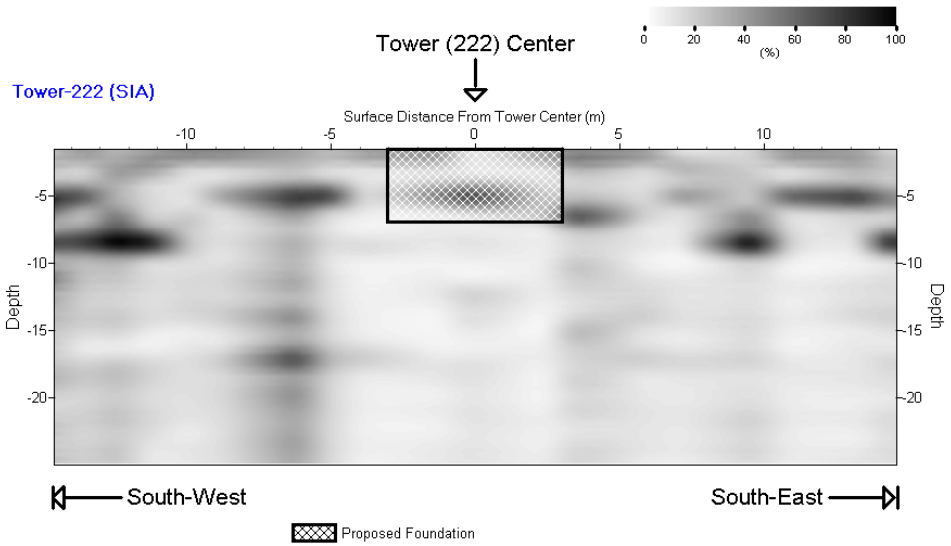

Tower (221) Center
0 20 40 60 80 100
(%)
Tower-221 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-222



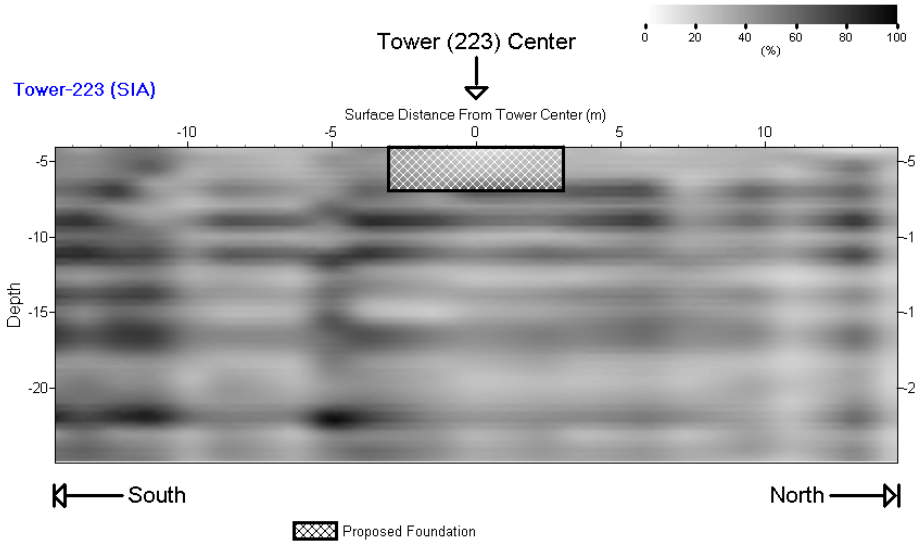


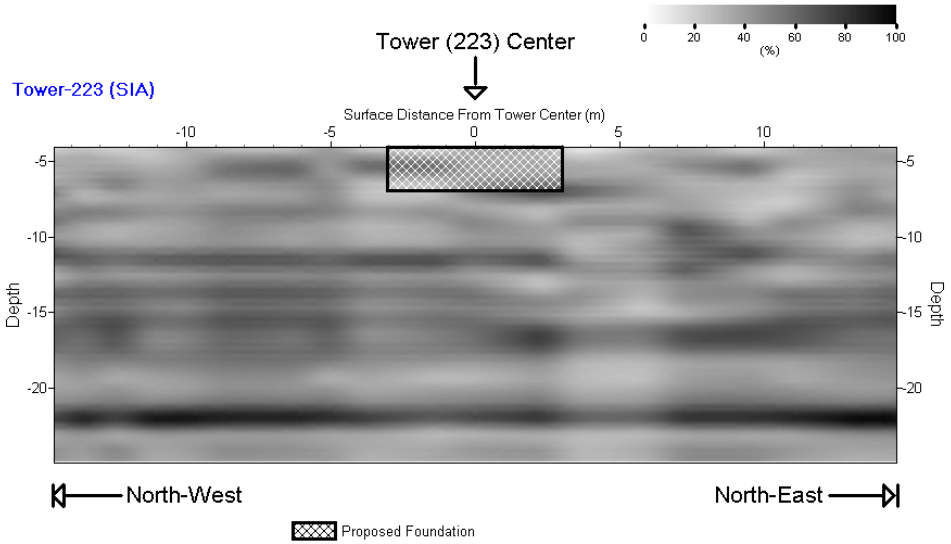


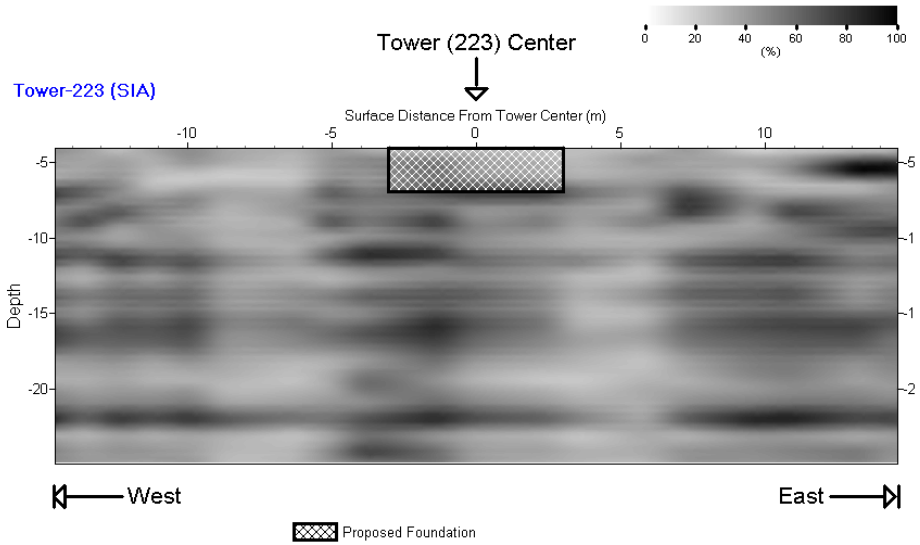


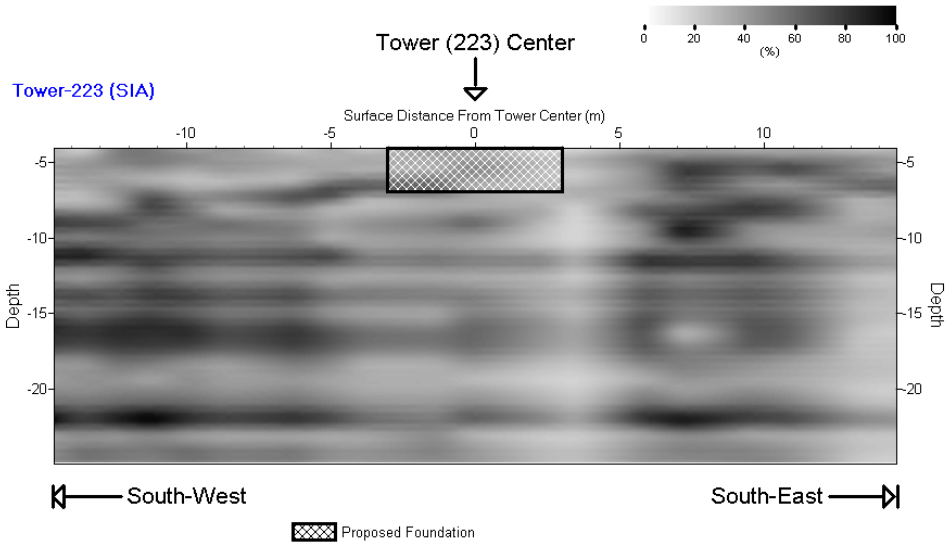
**A shorter receiver spacing of 2 ft was used due to terrain condition (steep drop off).

T-223

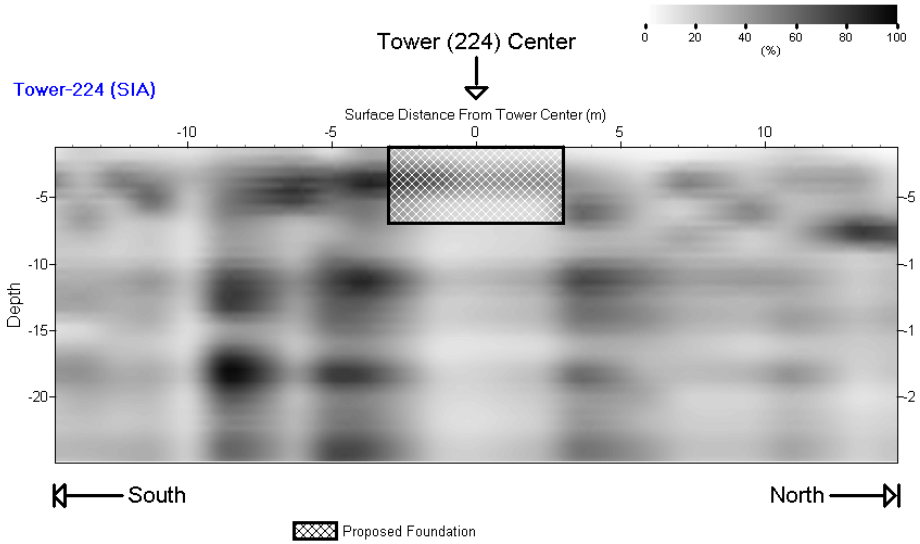

Tower (223) Center
0 20 40 60 80 100
(%)
Tower-223 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

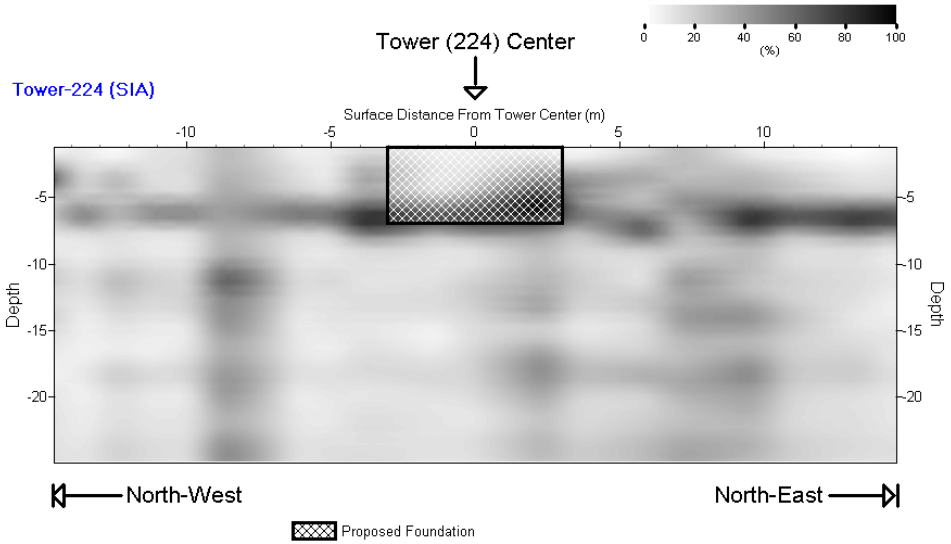

Tower (223) Center
0 20 40 60 80 100
(%)
Tower-223 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

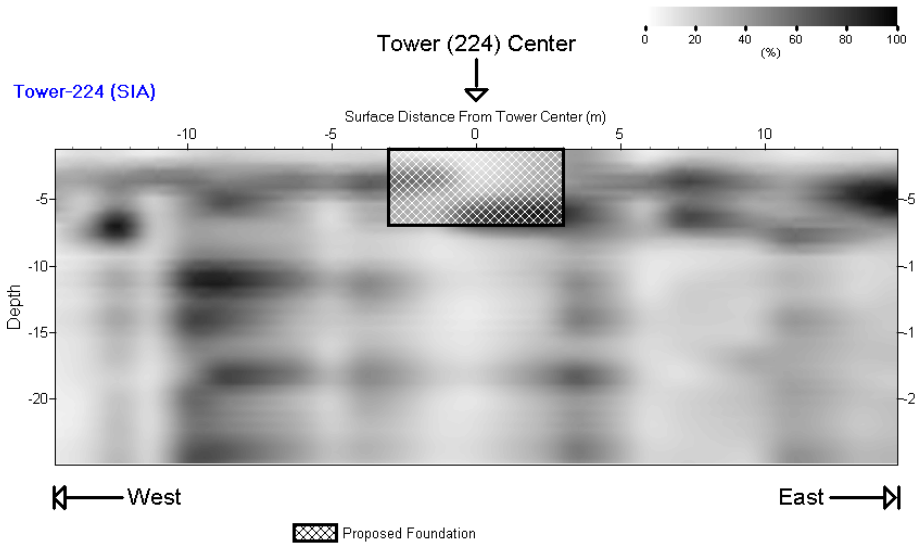

Tower (223) Center
0 20 40 60 80 100
(%)
Tower-223 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

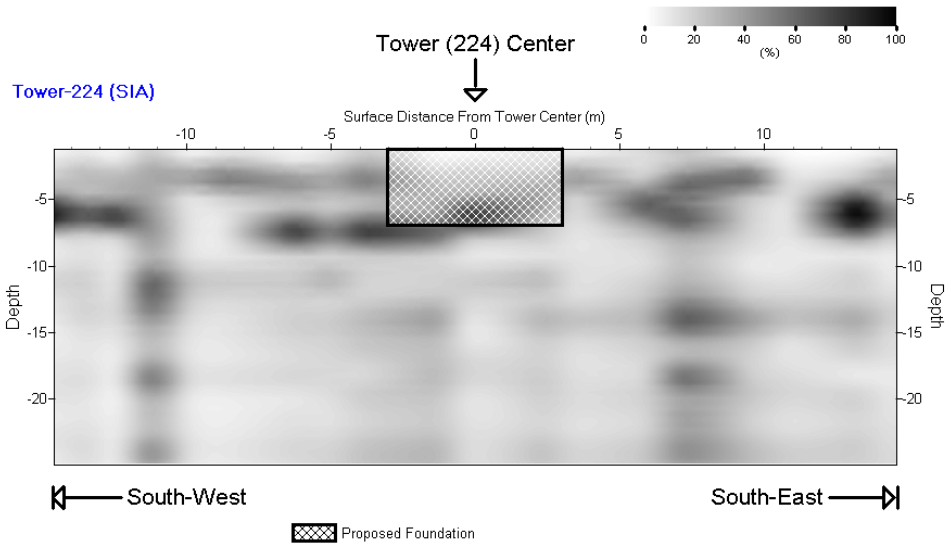

Tower (223) Center
0 20 40 60 80 100
(%)
Tower-223 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-224

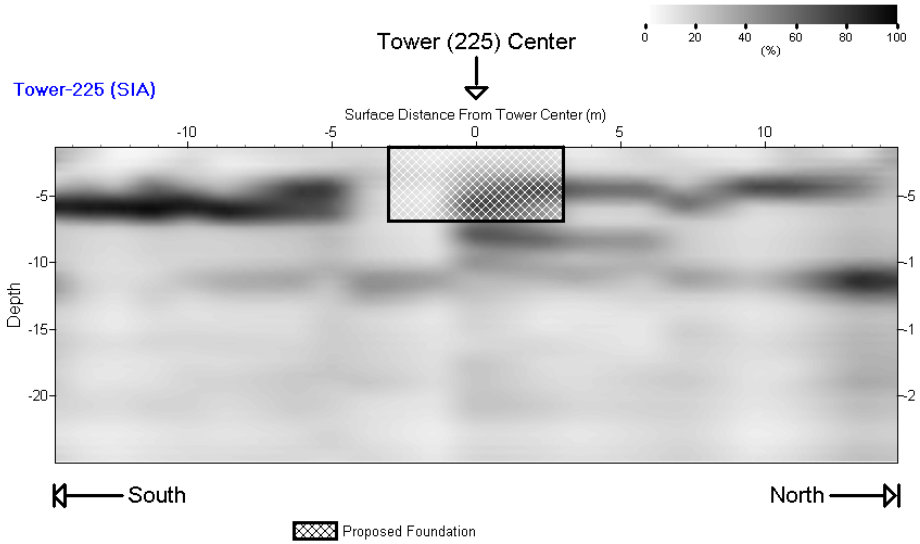

Tower (224) Center
0 20 40 60 80 100
(%)
Tower-224 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

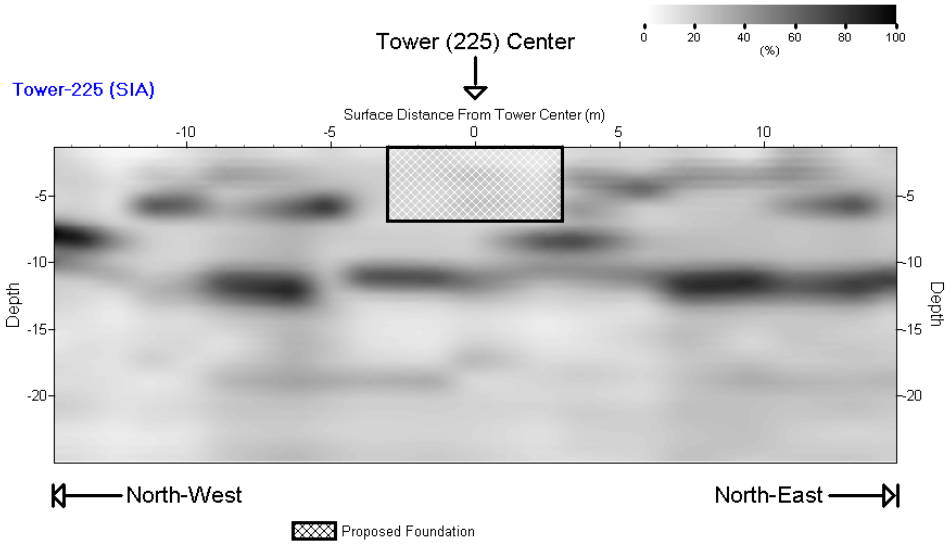

Tower (224) Center
0 20 40 60 80 100
(%)
Tower-224 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

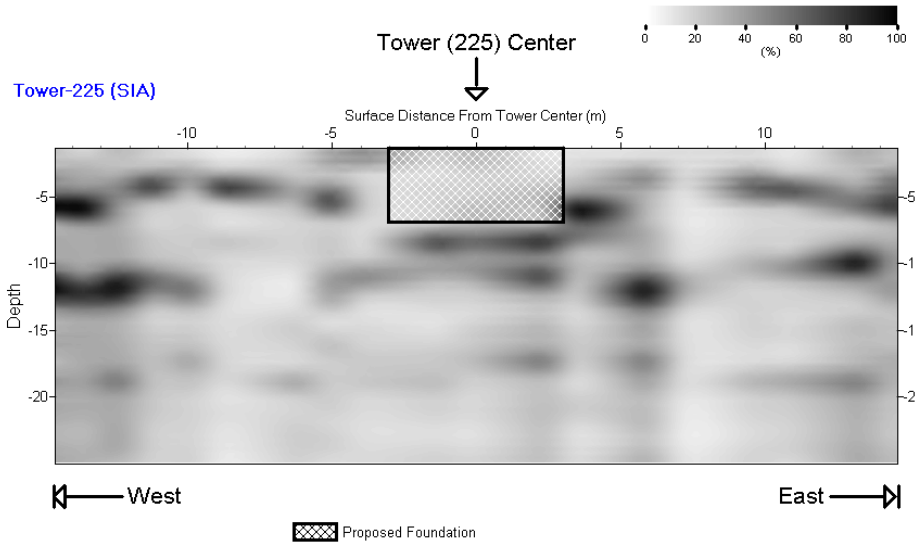

Tower (224) Center
0 20 40 60 80 100
(%)
Tower-224 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

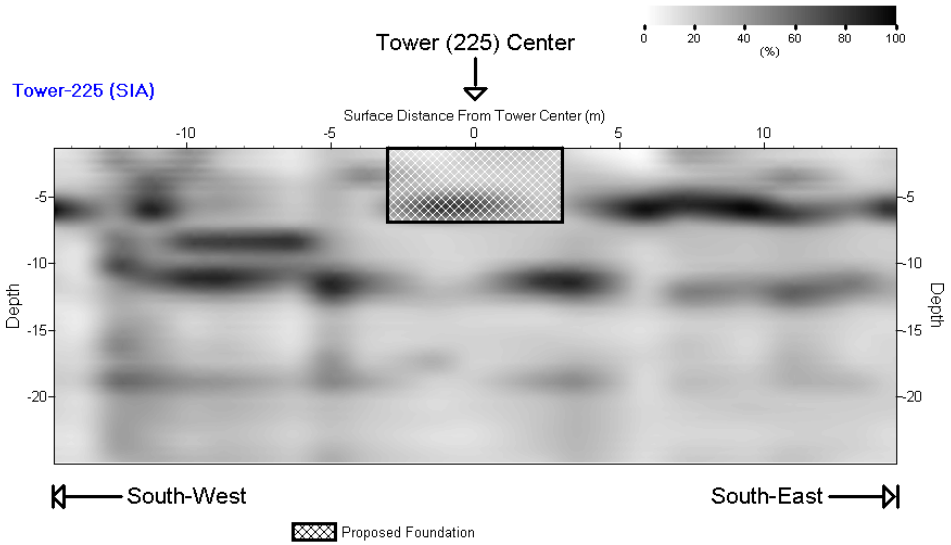

Tower (224) Center
0 20 40 60 80 100
(%)
Tower-224 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-225

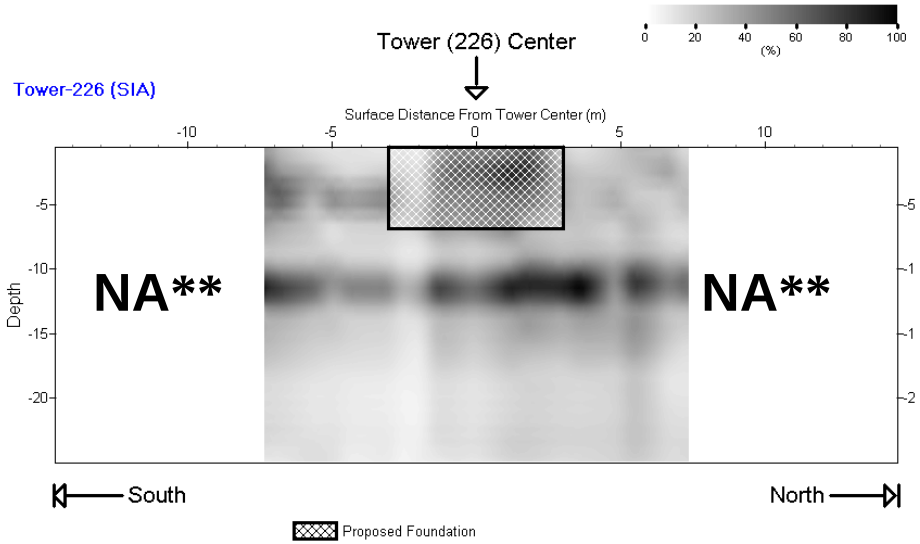

Tower (225) Center
0 20 40 60 80 100
(%)
Tower-225 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

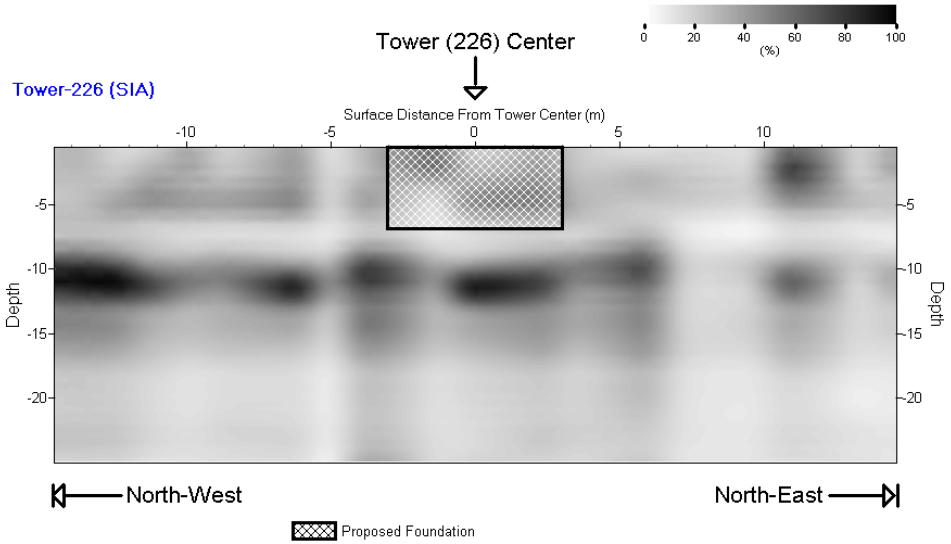

Tower (225) Center
0 20 40 60 80 100
(%)
Tower-225 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

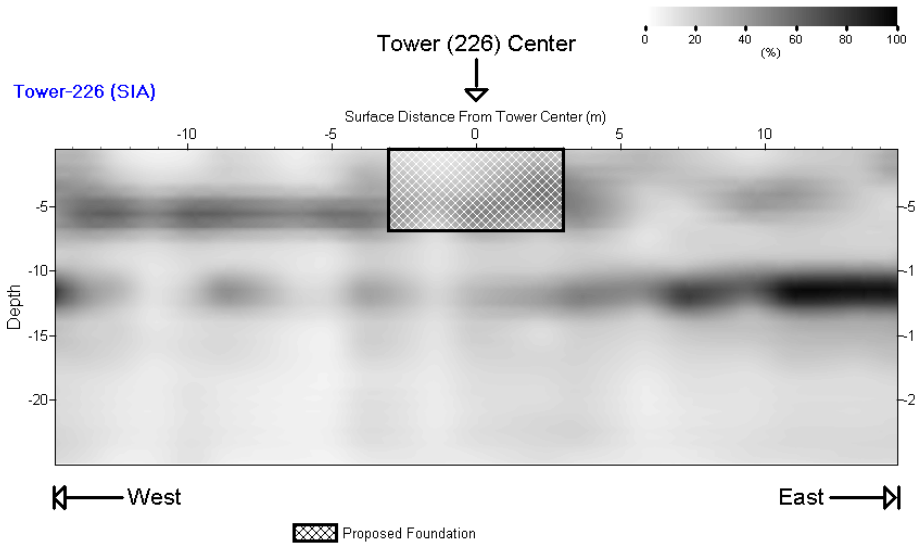

Tower (225) Center
0 20 40 60 80 100
(%)
Tower-225 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

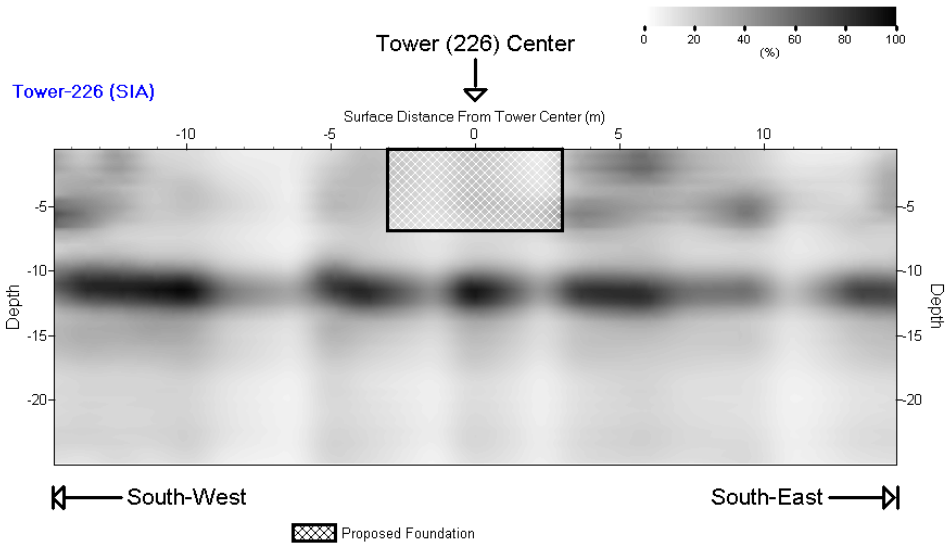

Tower (225) Center
0 20 40 60 80 100
(%)
Tower-225 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-226



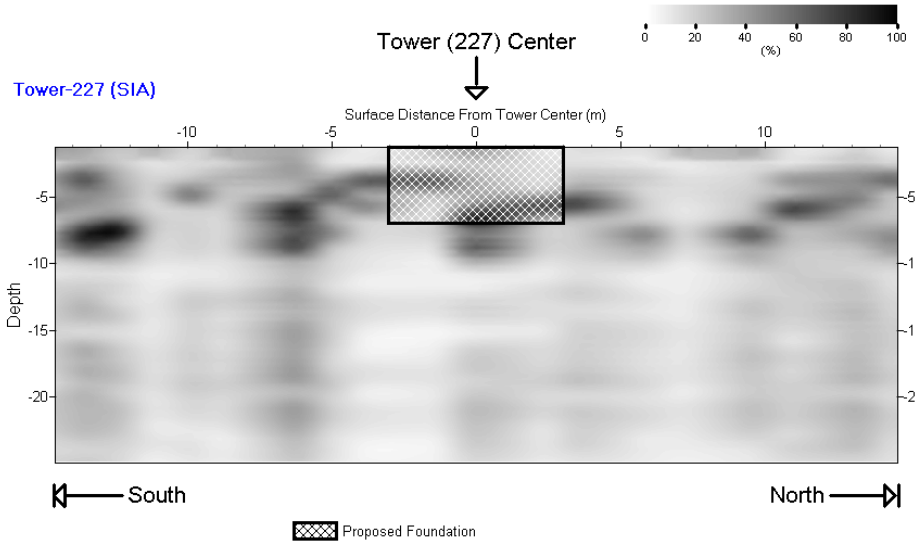


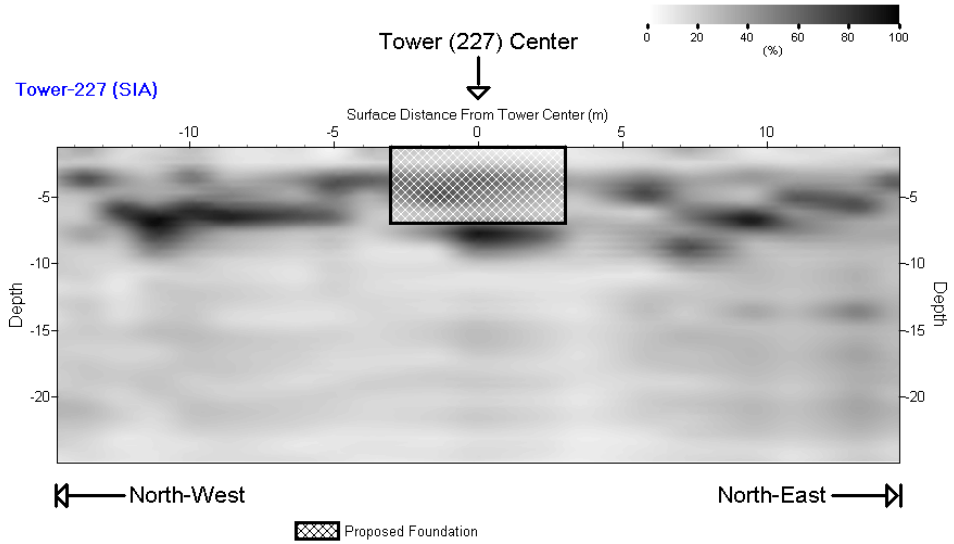


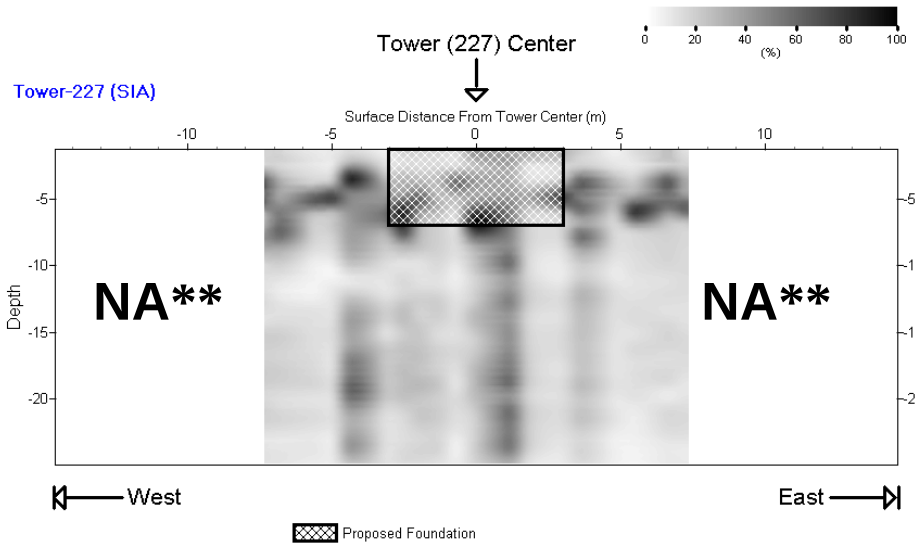


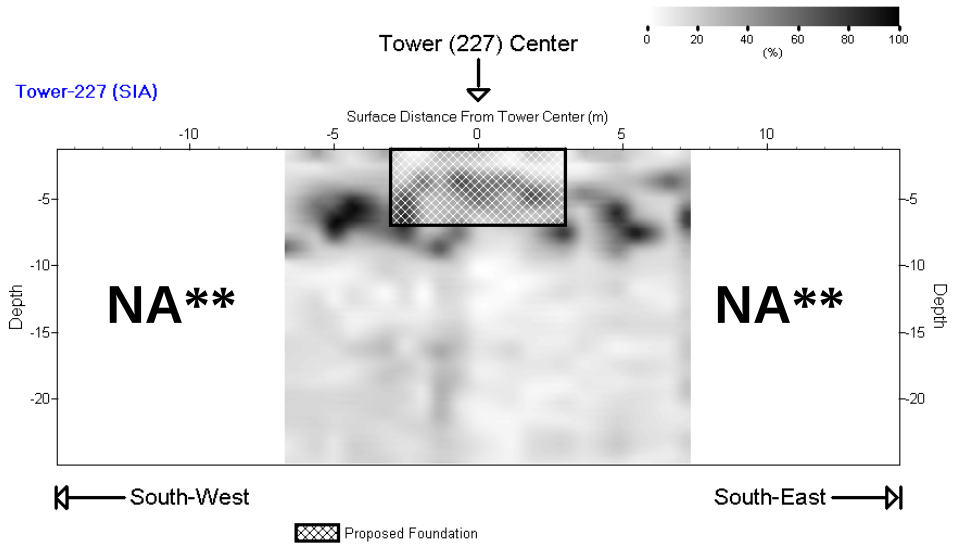
**A shorter receiver spacing of 2 ft was used due to terrain condition (steep drop off).

T-227



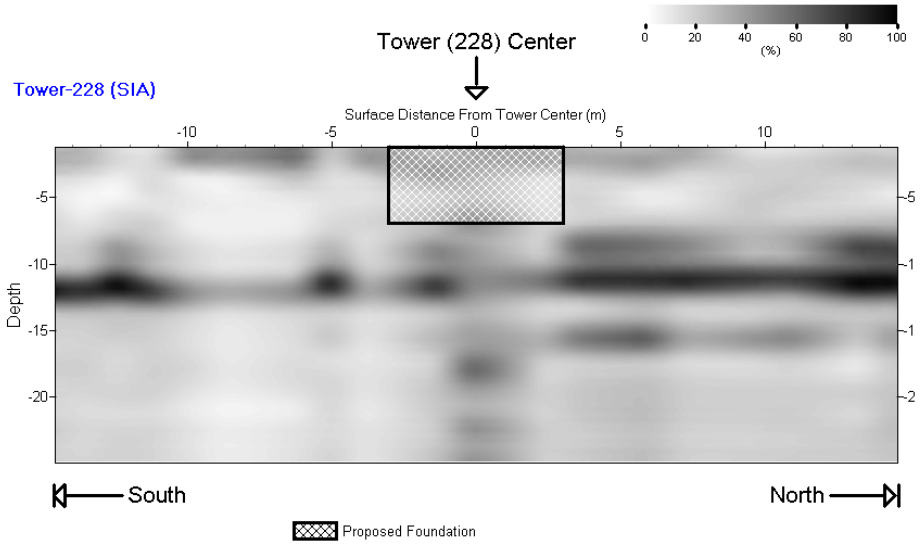


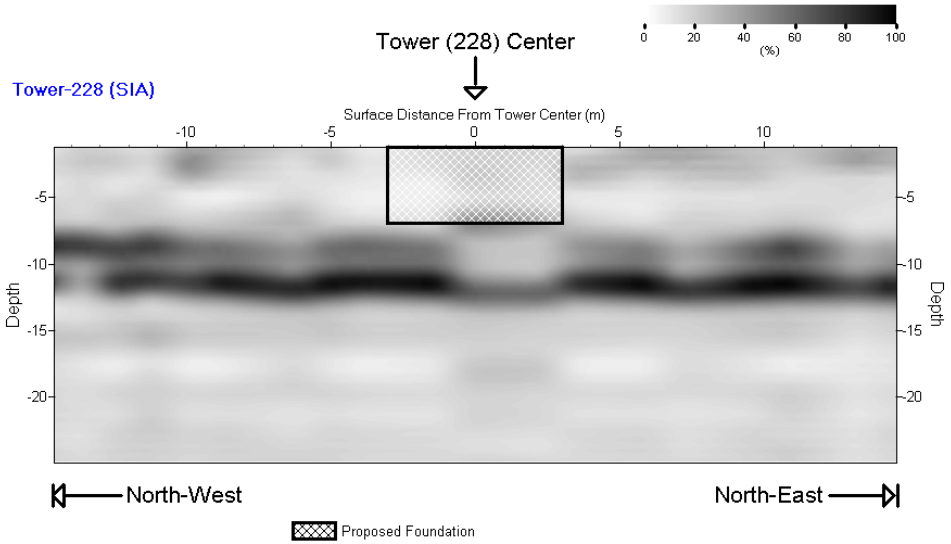


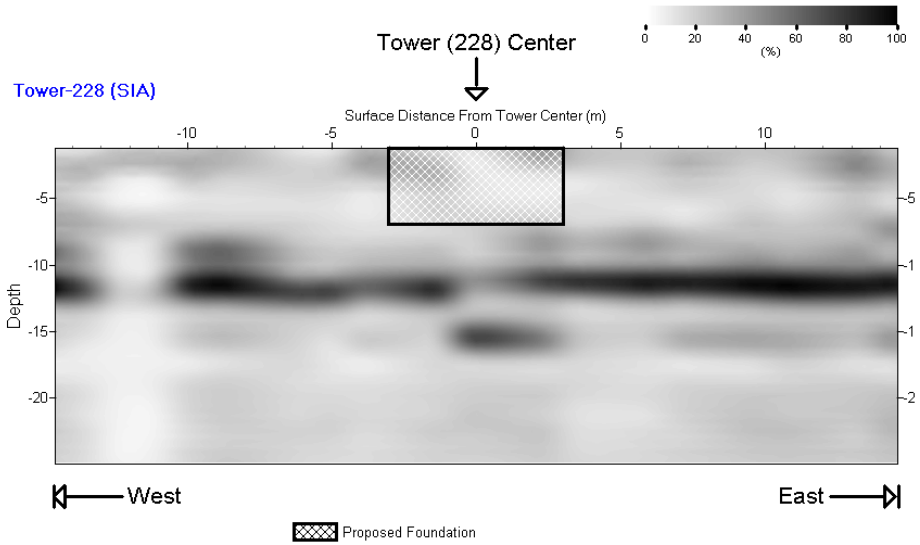


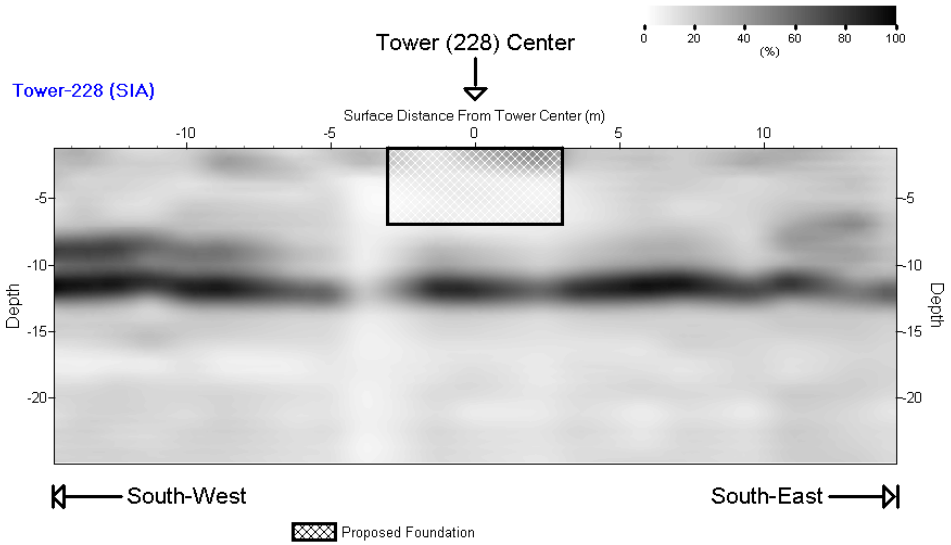
**A shorter receiver spacing of 2 ft was used due to terrain condition (steep drop off).

T-228

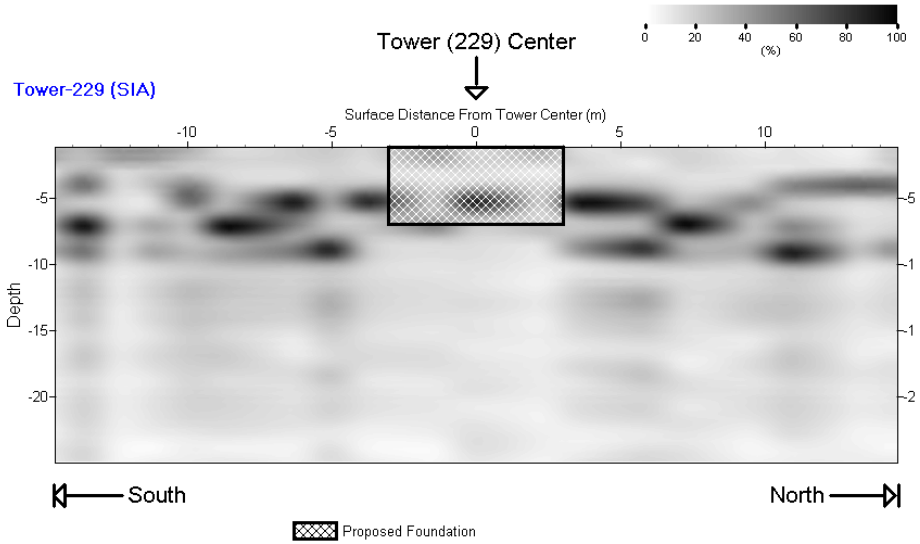

Tower (228) Center
0 20 40 60 80 100
(%)
Tower-228 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

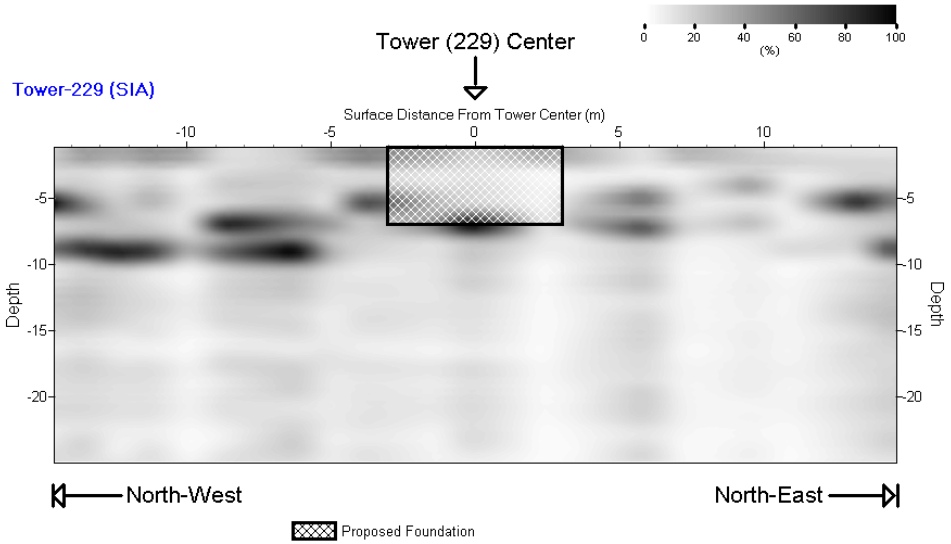

Tower (228) Center
0 20 40 60 80 100
(%)
Tower-228 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

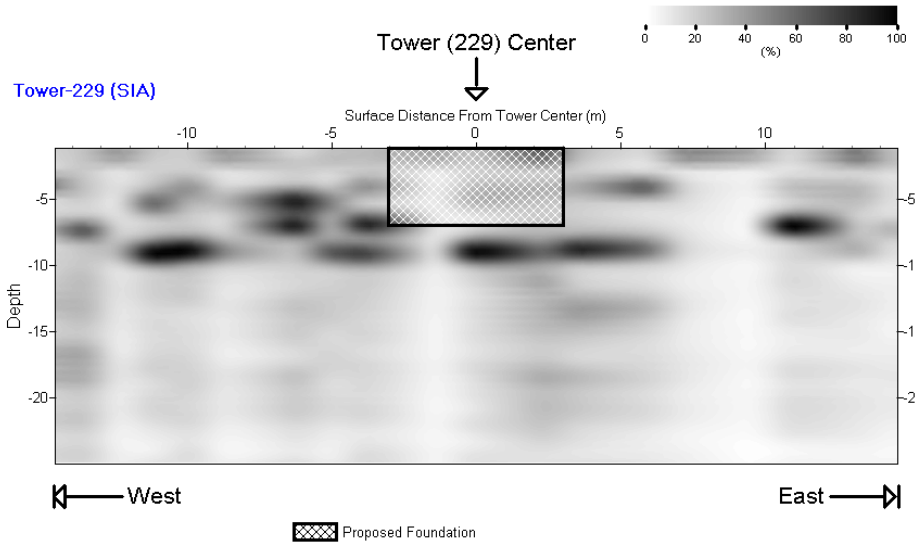

Tower (228) Center
0 20 40 60 80 100
(%)
Tower-228 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

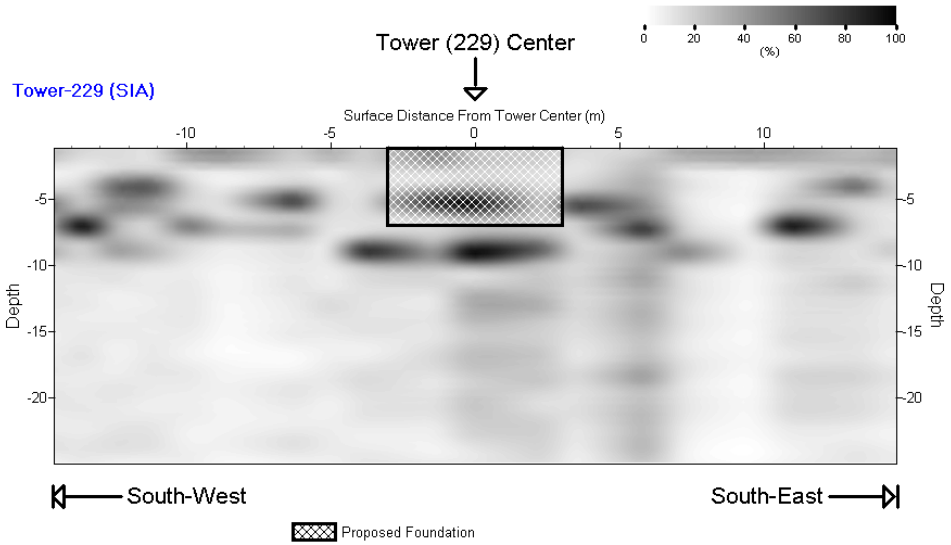

Tower (228) Center
0 20 40 60 80 100
(%)
Tower-228 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-229

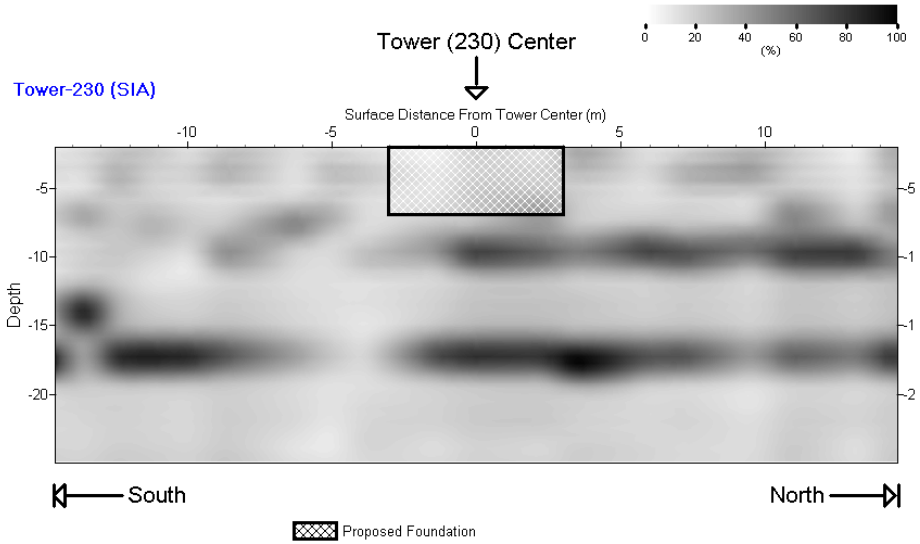

Tower (229) Center
0 20 40 60 80 100
(%)
Tower-229 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

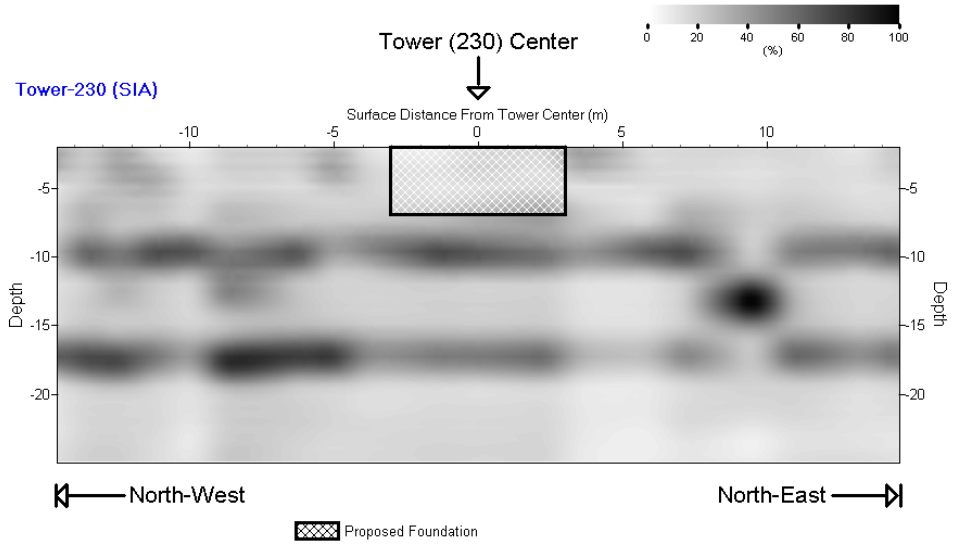

Tower (229) Center
0 20 40 60 80 100
(%)
Tower-229 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

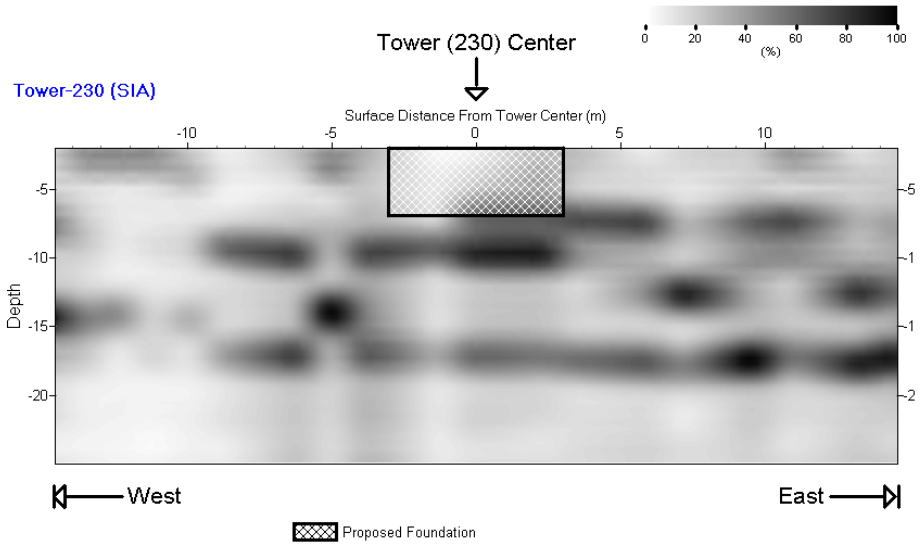

Tower (229) Center
0 20 40 60 80 100
(%)
Tower-229 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

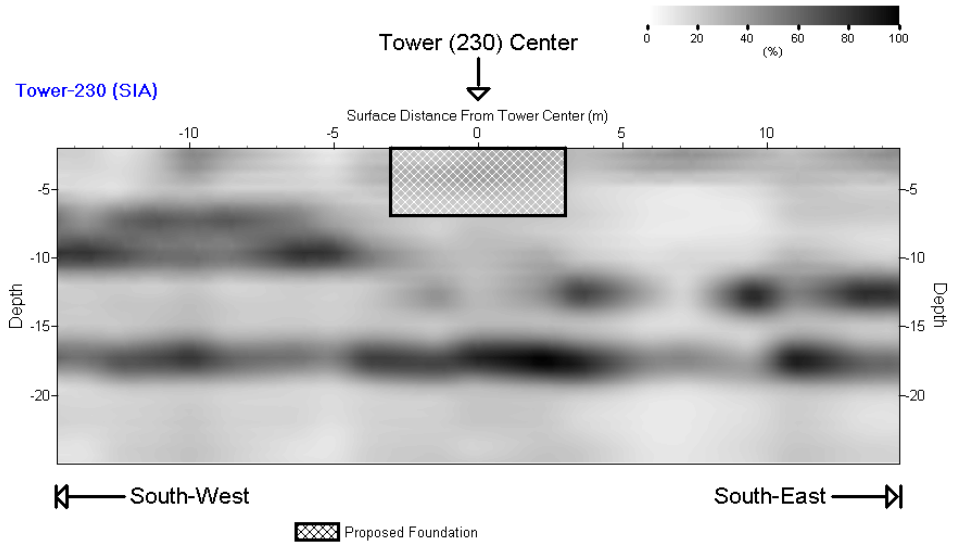

Tower (229) Center
0 20 40 60 80 100
(%)
Tower-229 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-230

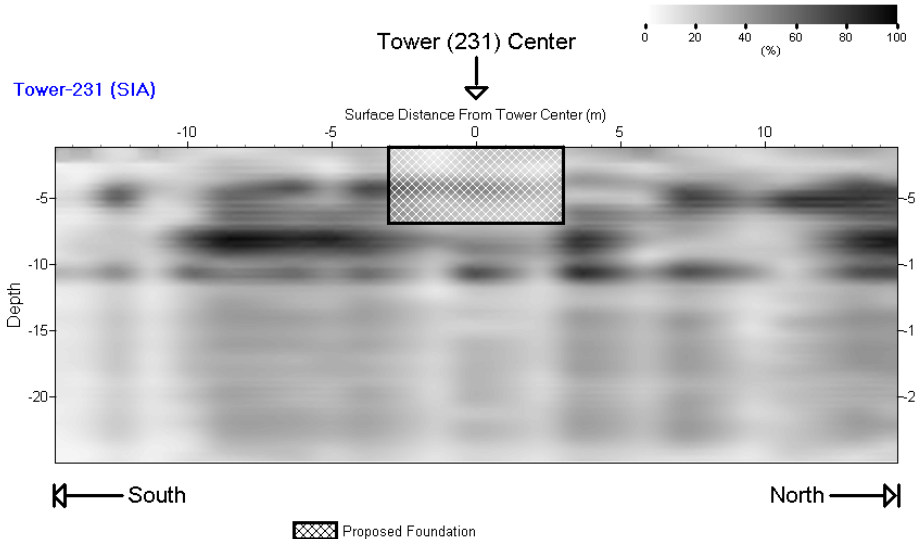

Tower (230) Center
0 20 40 60 80 100
(%)
Tower-230 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

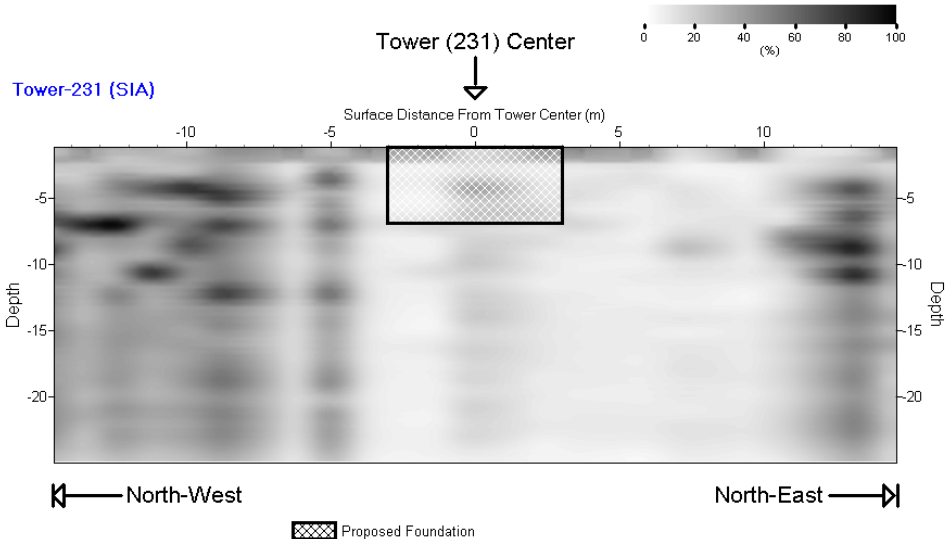

Tower (230) Center
0 20 40 60 80 100
(%)
Tower-230 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

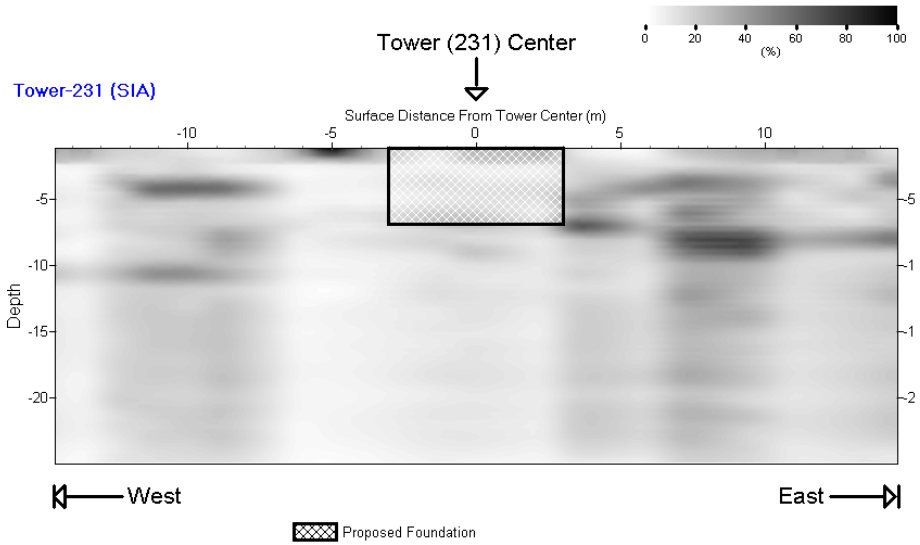

Tower (230) Center
0 20 40 60 80 100
(%)
Tower-230 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

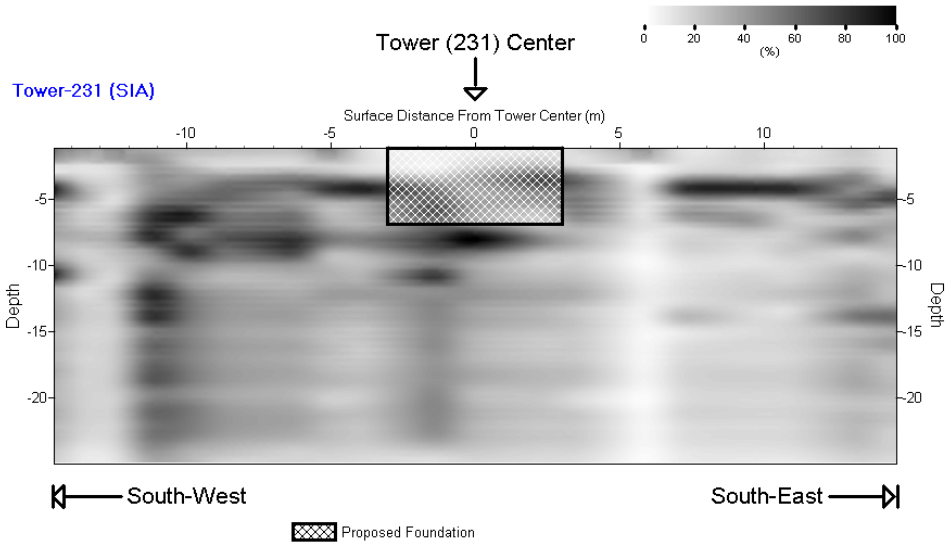

Tower (230) Center
0 20 40 60 80 100
(%)
Tower-230 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-231

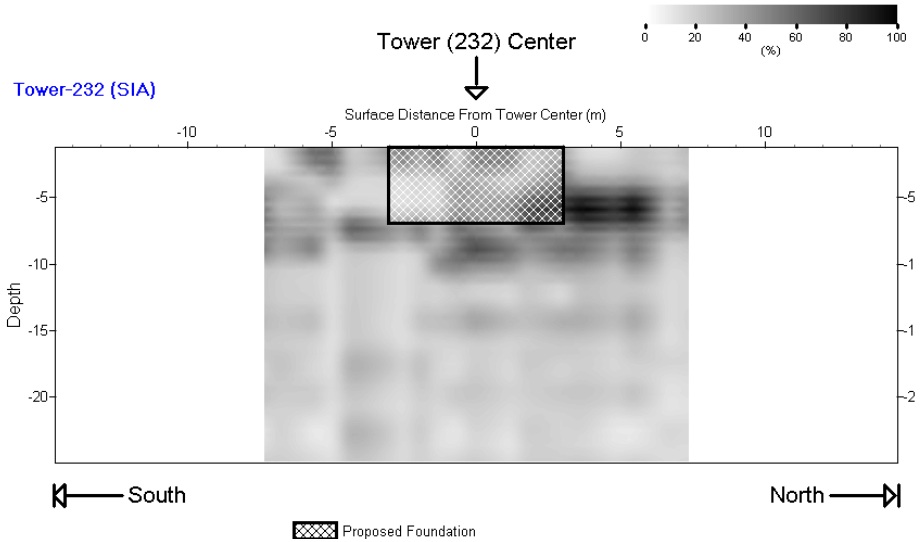

Tower (231) Center
0 20 40 60 80 100
(%)
Tower-231 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

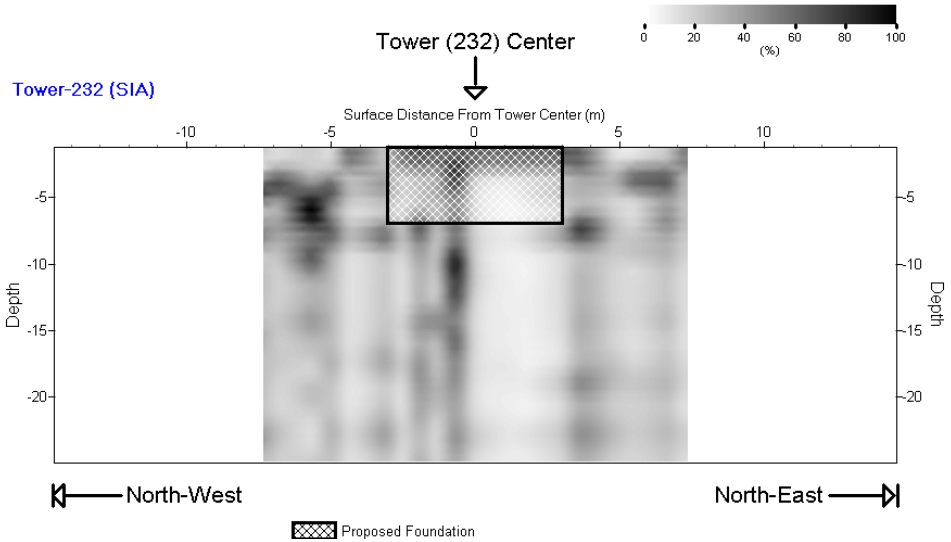

Tower (231) Center
0 20 40 60 80 100
(%)
Tower-231 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

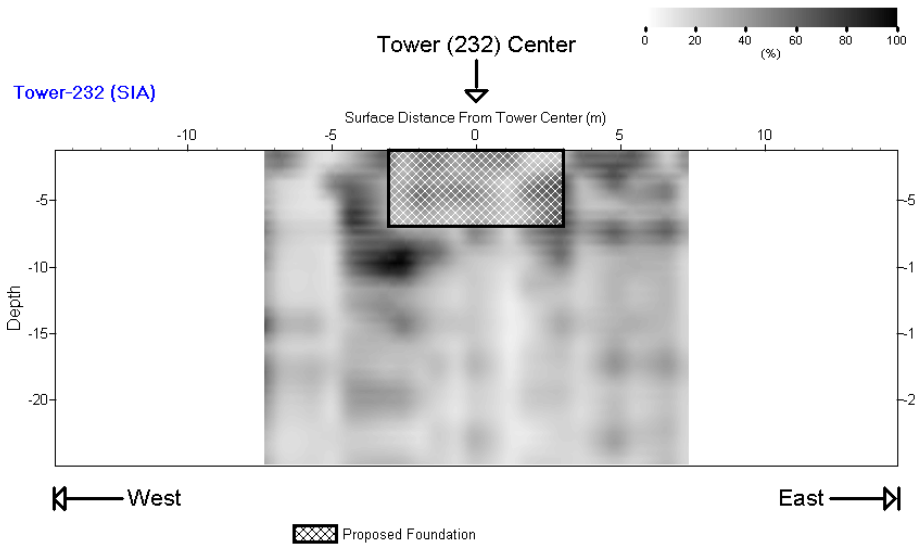

Tower (231) Center
0 20 40 60 80 100
(%)
Tower-231 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

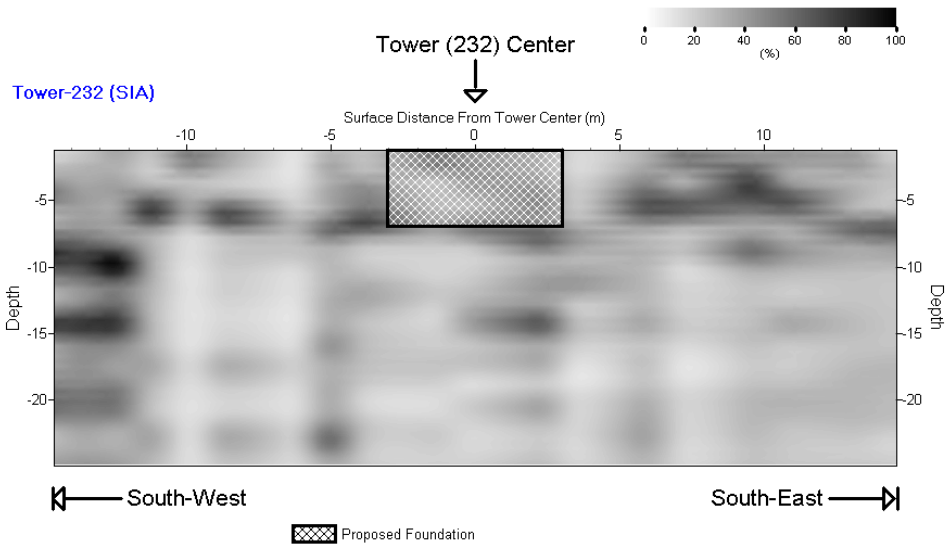

Tower (231) Center
0 20 40 60 80 100
(%)
Tower-231 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-232**



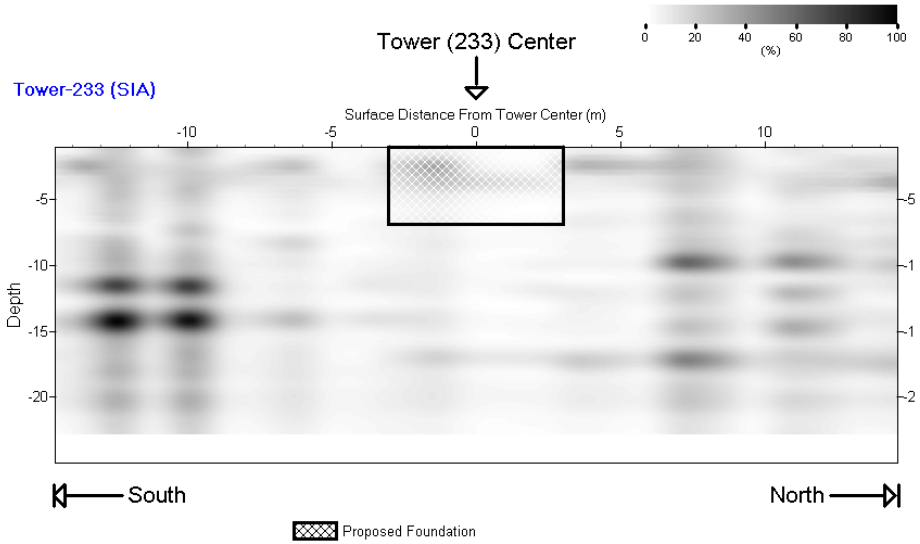


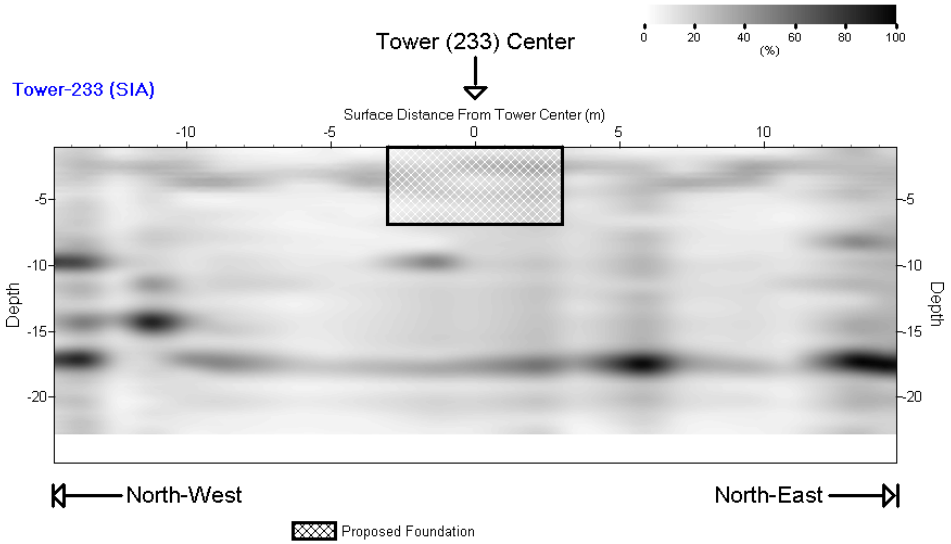


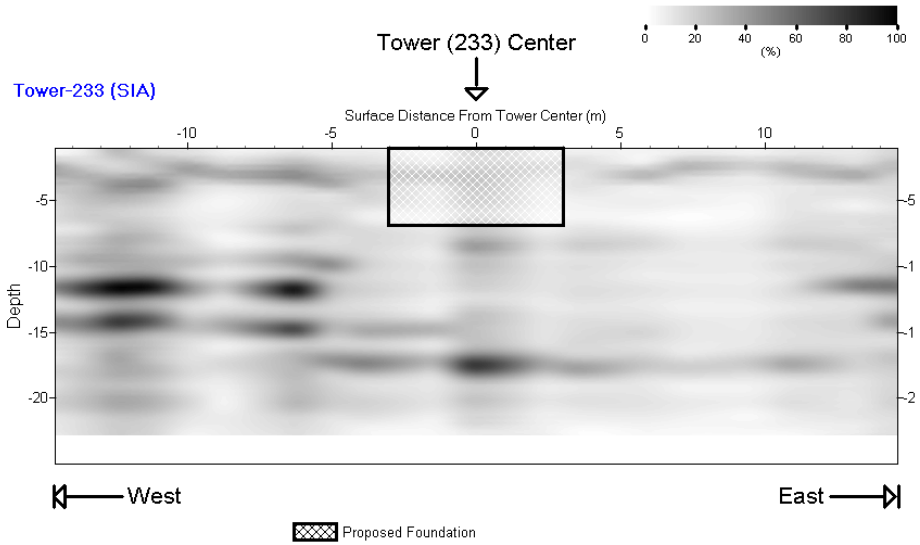


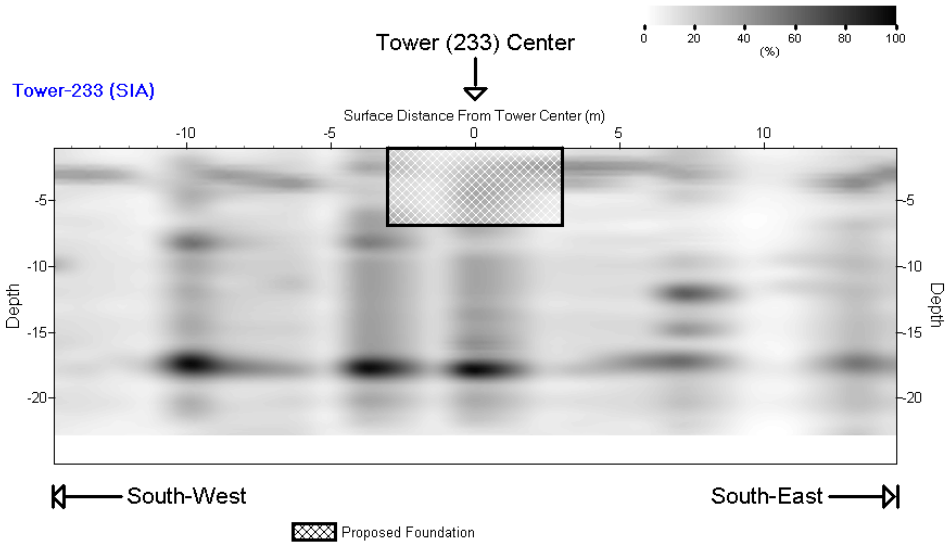
**A shorter receiver spacing of 2 ft was used for lines 1-3 due to terrain condition (steep drop off).

T-233

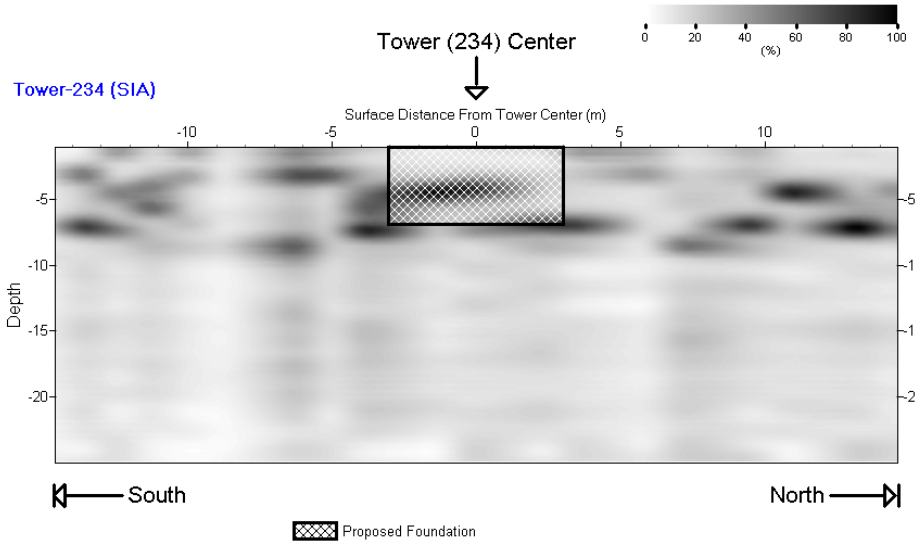

Tower (233) Center
0 20 40 60 80 100
(%)
Tower-233 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

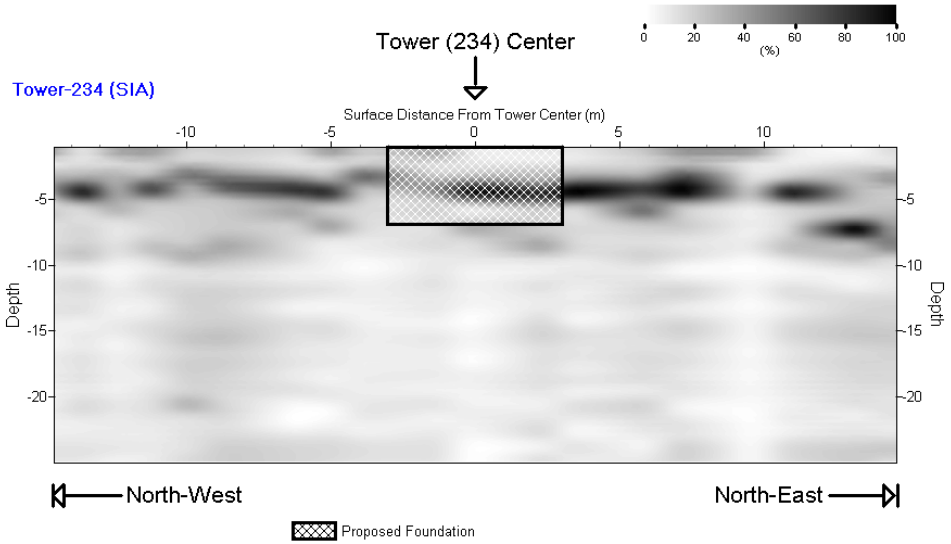

Tower (233) Center
0 20 40 60 80 100
(%)
Tower-233 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

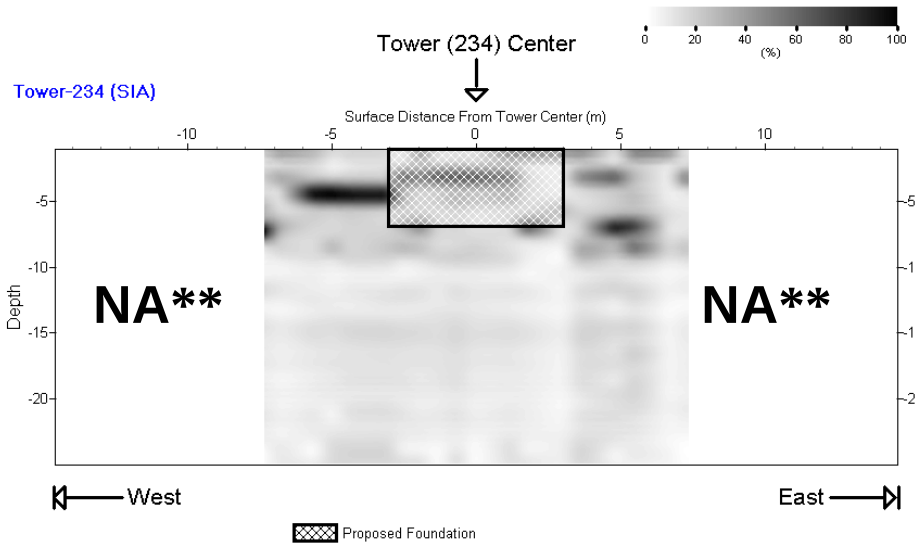

Tower (233) Center
0 20 40 60 80 100
(%)
Tower-233 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

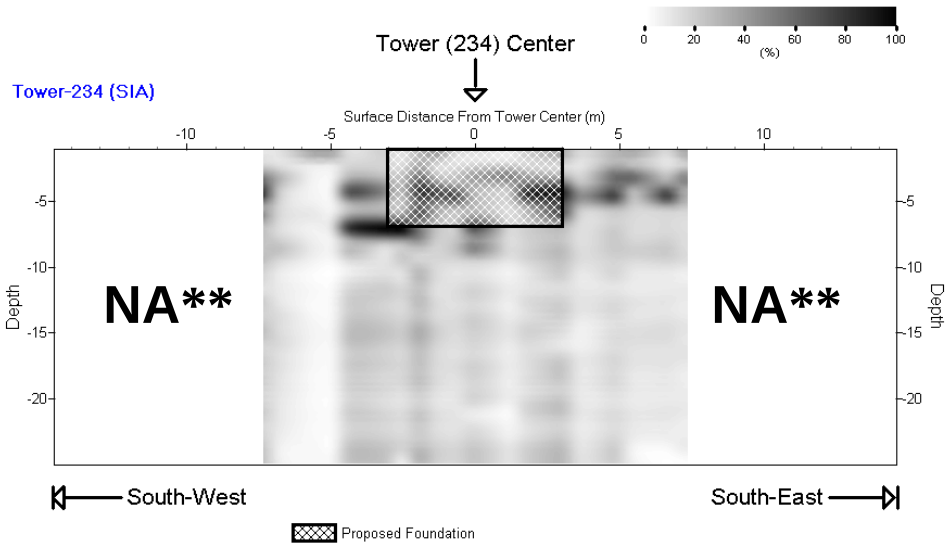

Tower (233) Center
0 20 40 60 80 100
(%)
Tower-233 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-234



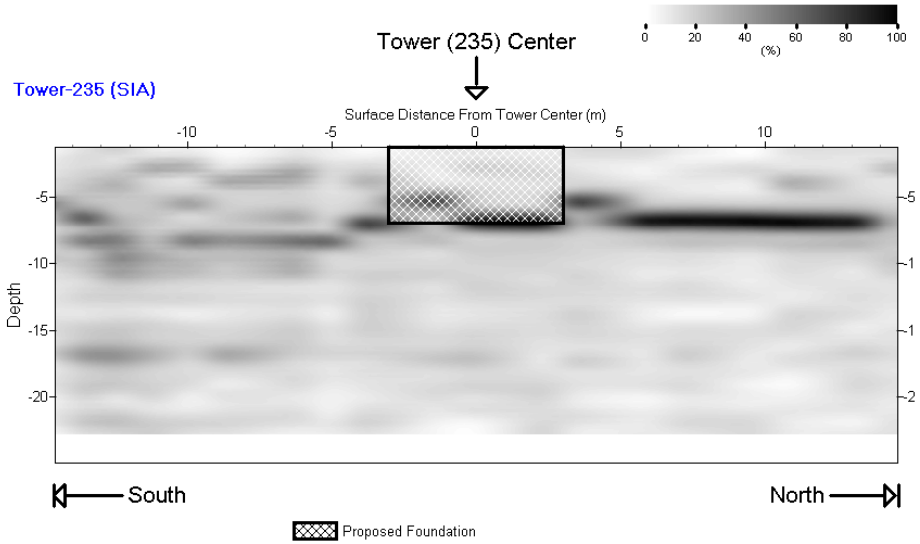


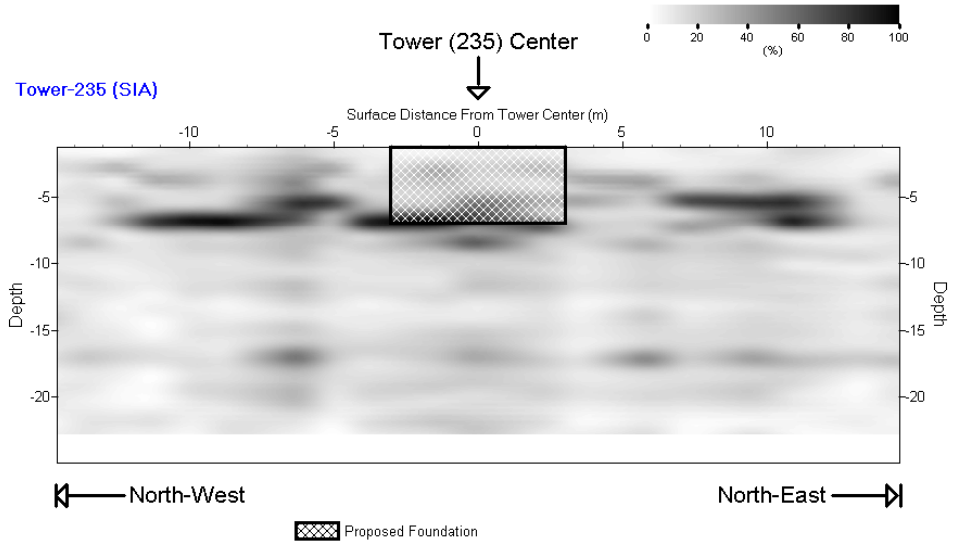


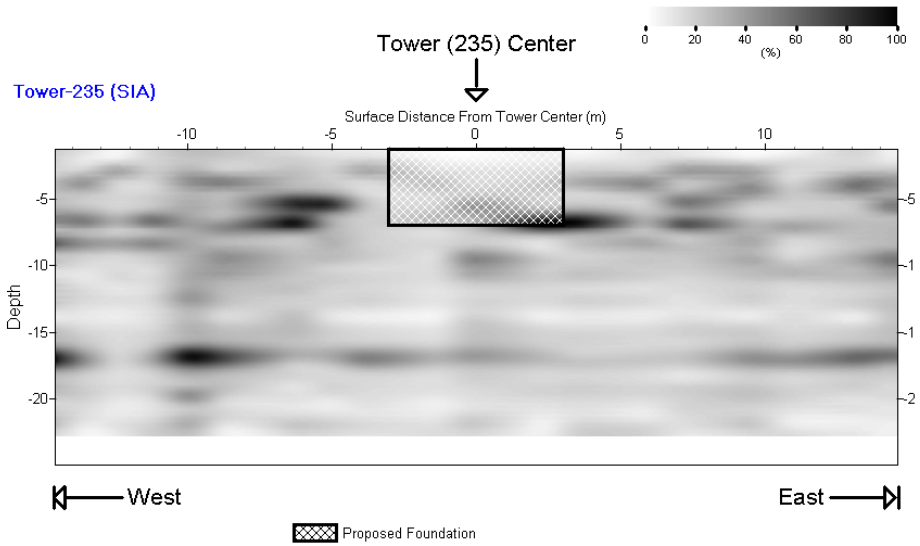


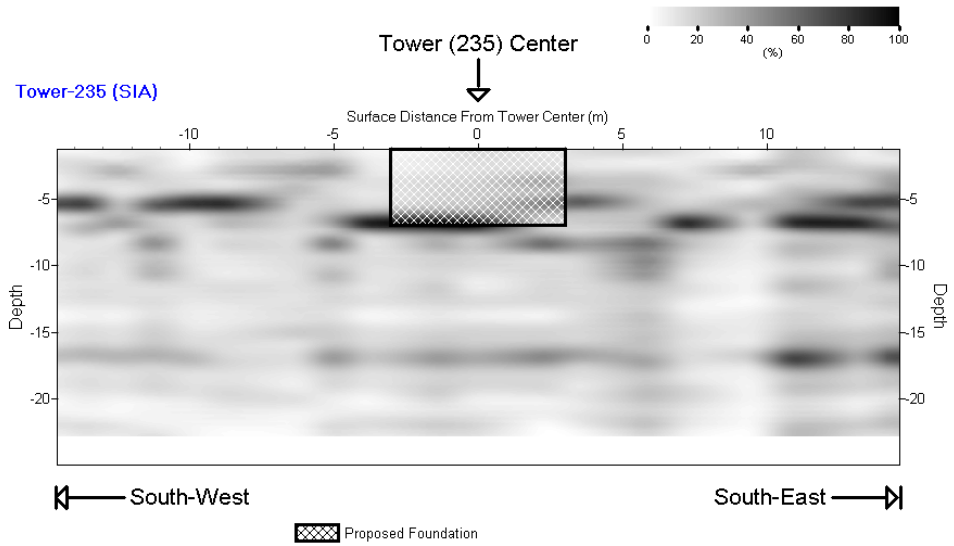
**A shorter receiver spacing of 2 ft was used due to terrain condition (steep drop off).

T-235

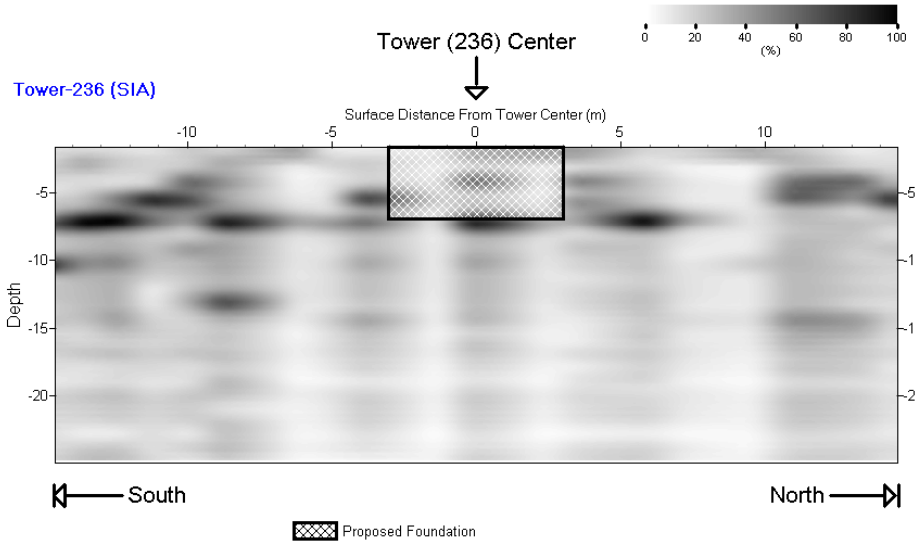

Tower (235) Center
0 20 40 60 80 100
(%)
Tower-235 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

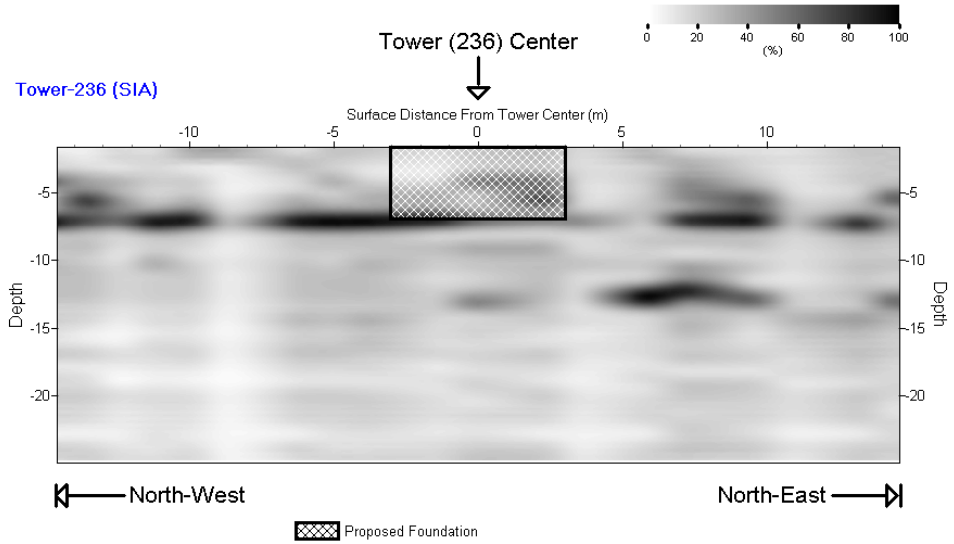

Tower (235) Center
0 20 40 60 80 100
(%)
Tower-235 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

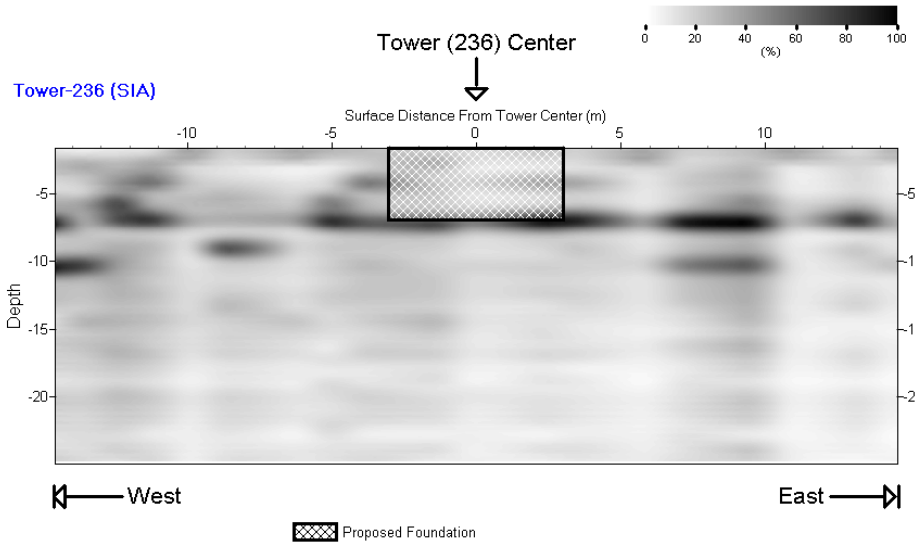

Tower (235) Center
0 20 40 60 80 100
(%)
Tower-235 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

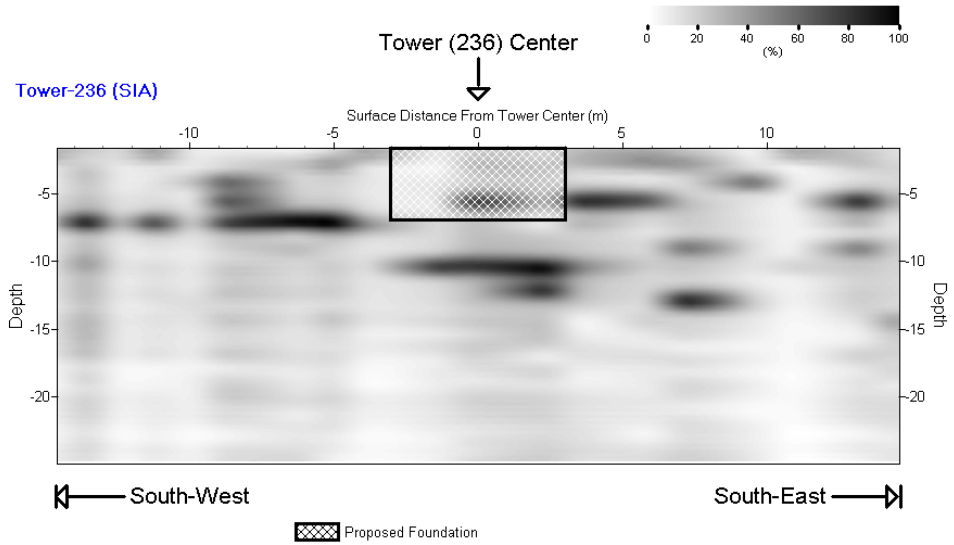

Tower (235) Center
0 20 40 60 80 100
(%)
Tower-235 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-236

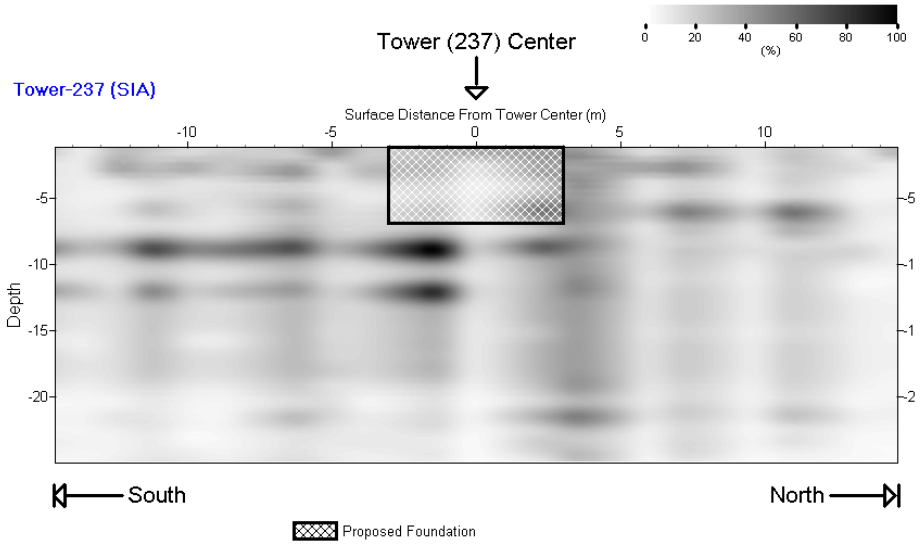

Tower (236) Center
0 20 40 60 80 100
(%)
Tower-236 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

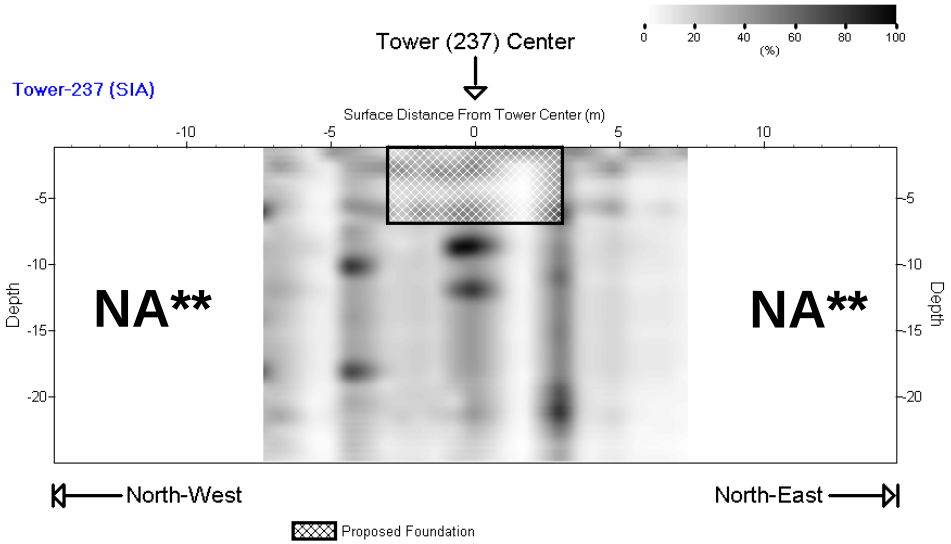

Tower (236) Center
0 20 40 60 80 100
(%)
Tower-236 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

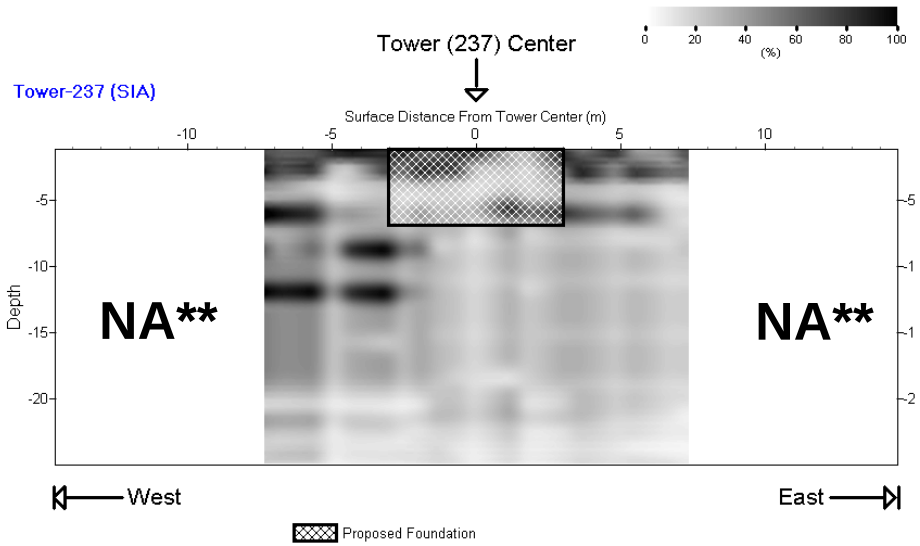

Tower (236) Center
0 20 40 60 80 100
(%)
Tower-236 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

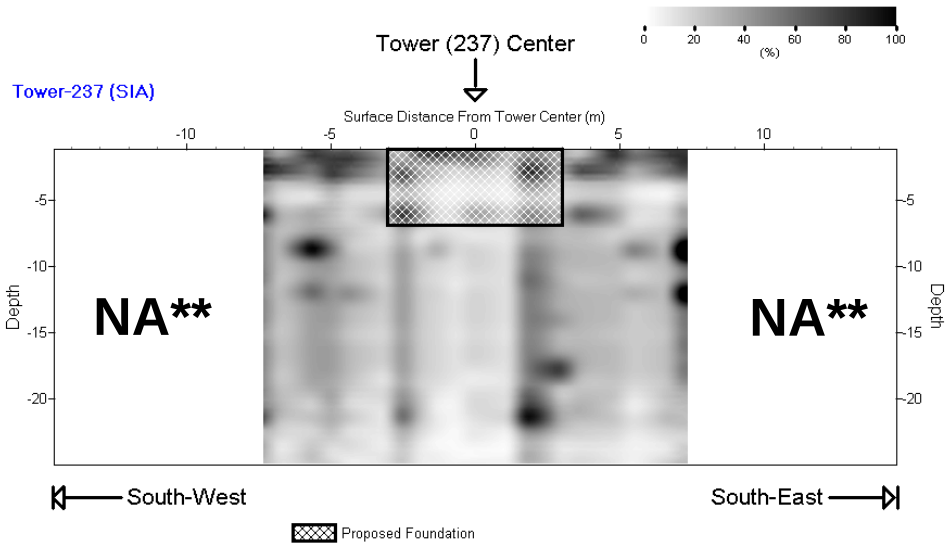

Tower (236) Center
0 20 40 60 80 100
(%)
Tower-236 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-237



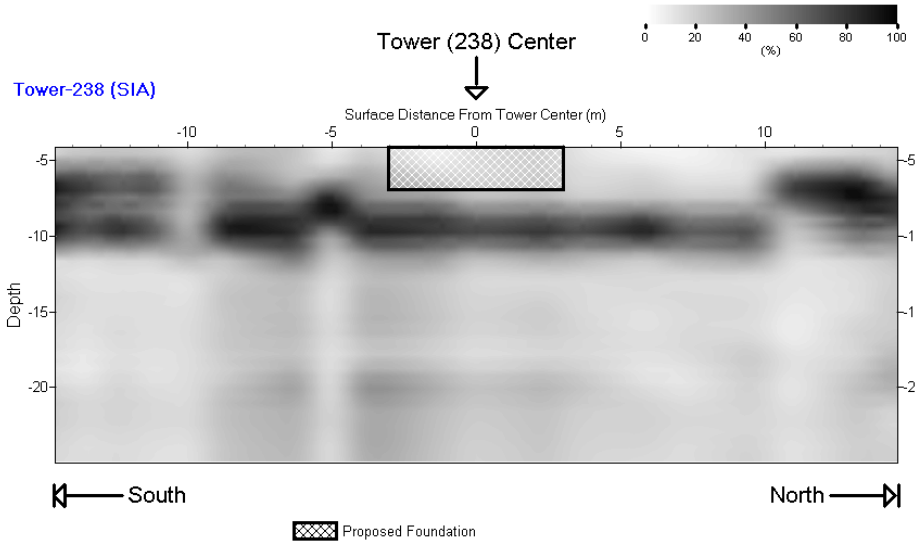


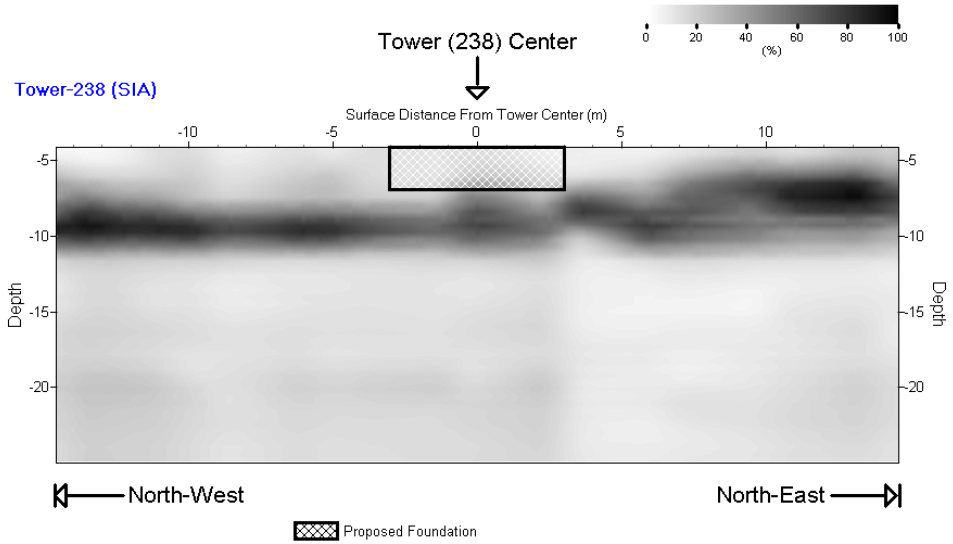


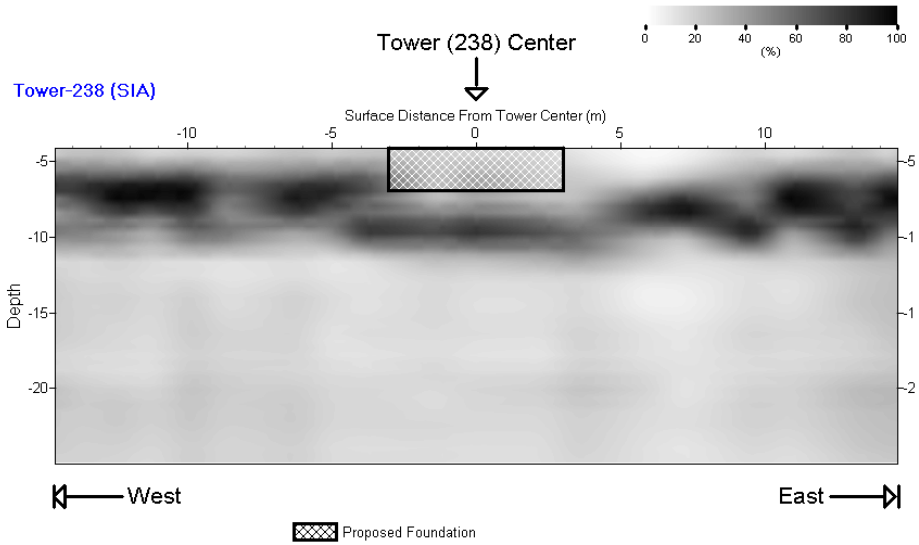


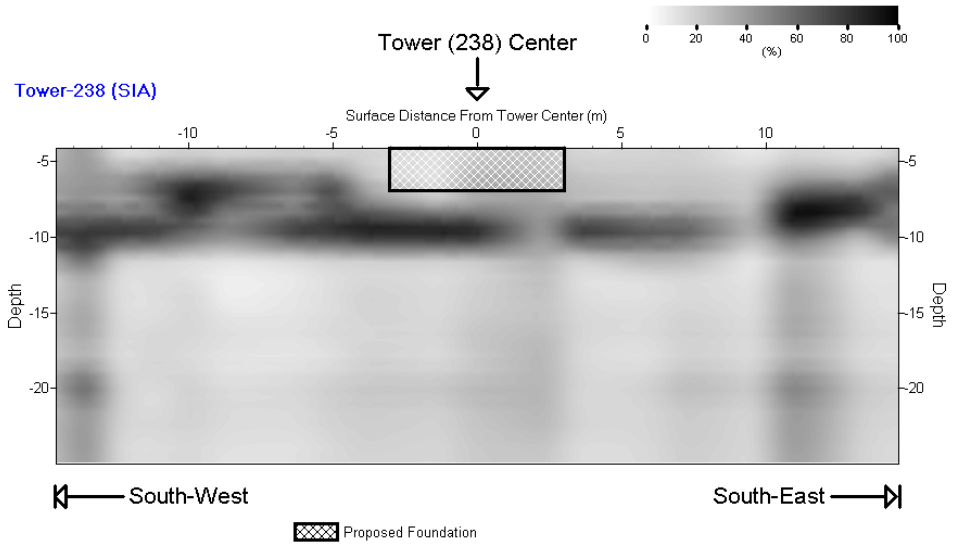
**Data not acquired due to terrain condition (shorter receiver spacing of 2 ft used)

T-238

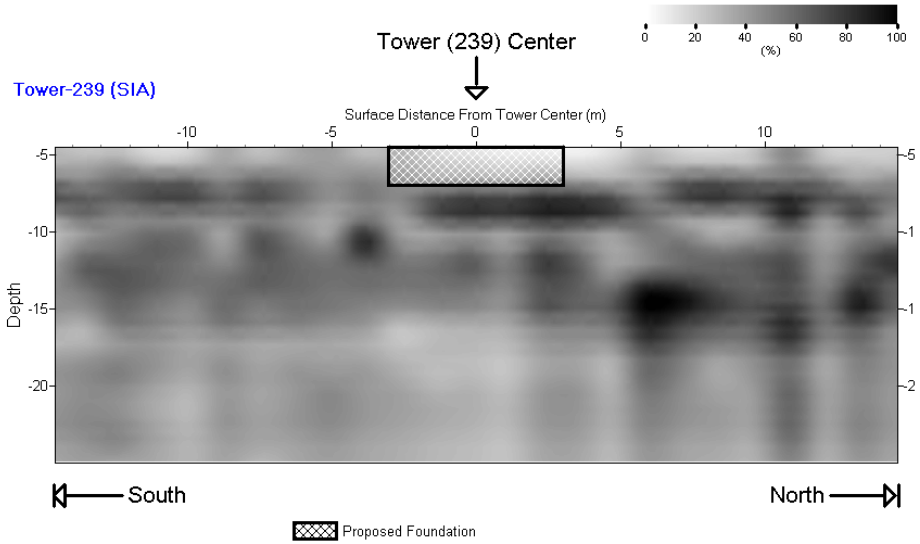

Tower (238) Center
0 20 40 60 80 100
(%)
Tower-238 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth
South
North
Proposed Foundation

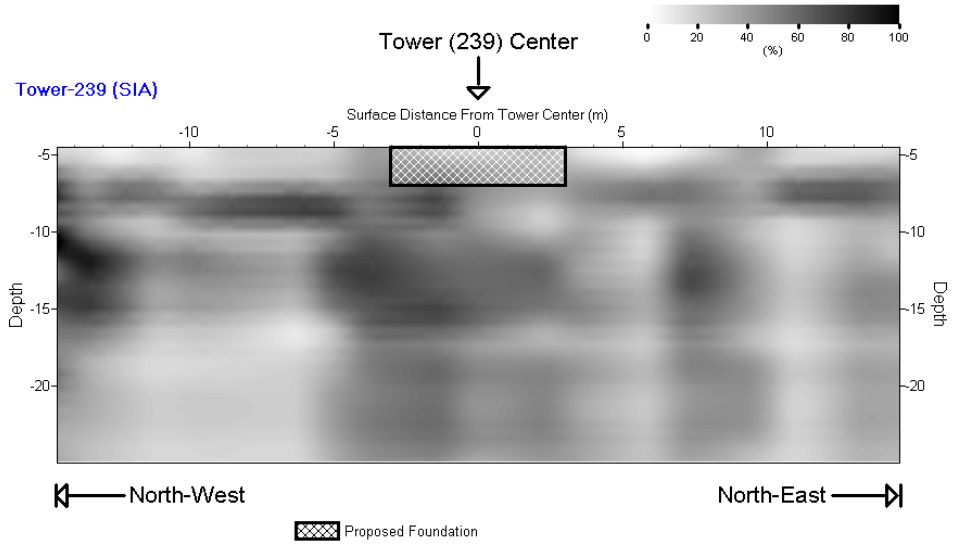

Tower (238) Center
0 20 40 60 80 100
(%)
Tower-238 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth
North-West
North-East
Proposed Foundation

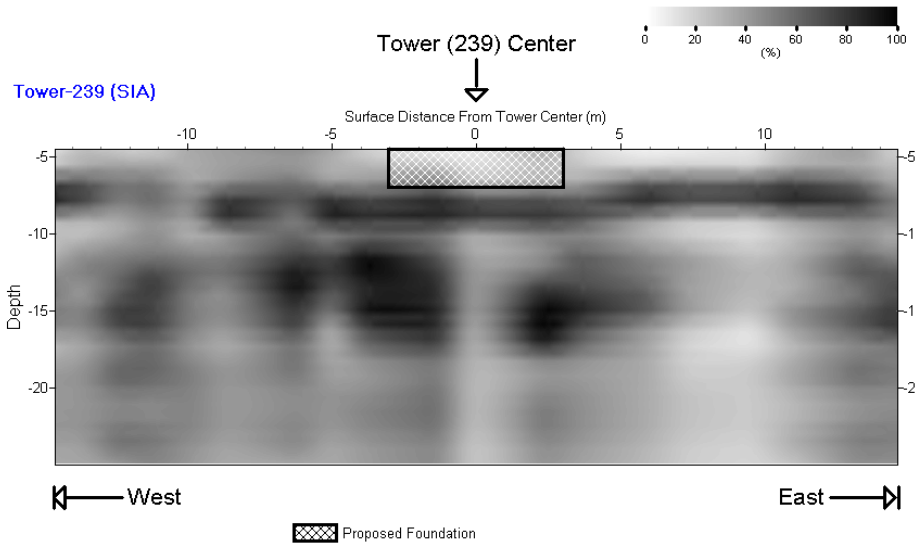

Tower (238) Center
0 20 40 60 80 100
(%)
Tower-238 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth
West
East
Proposed Foundation

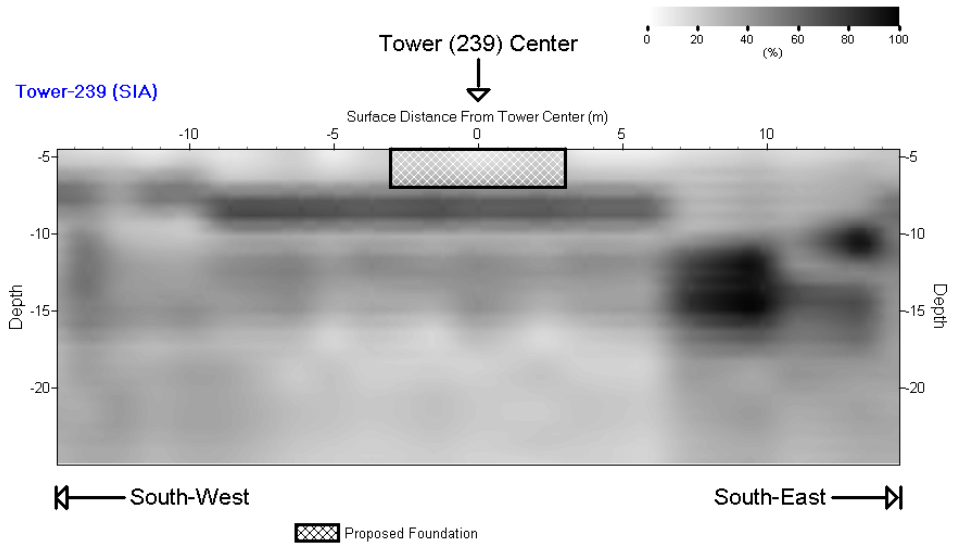

Tower (238) Center
0 20 40 60 80 100
(%)
Tower-238 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth
South-West
South-East
Proposed Foundation

T-239

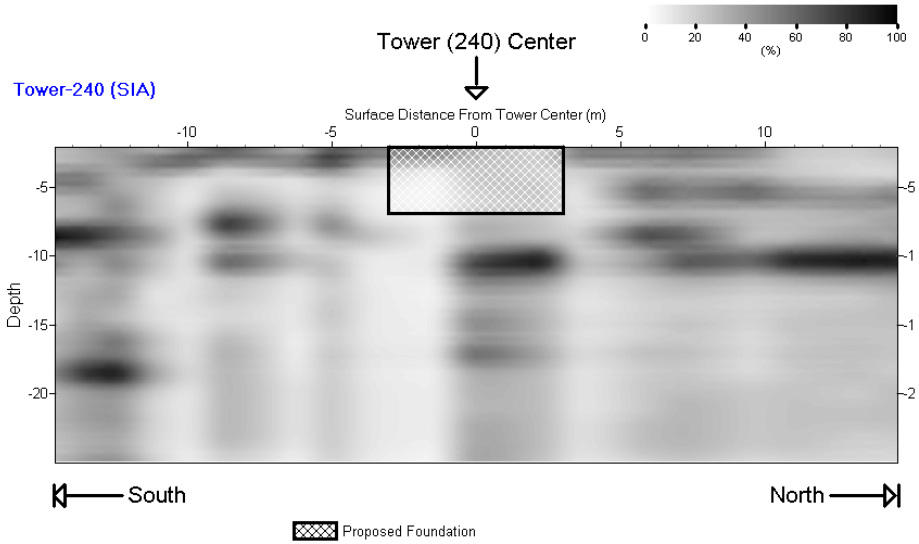

Tower (239) Center
0 20 40 60 80 100
(%)
Tower-239 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

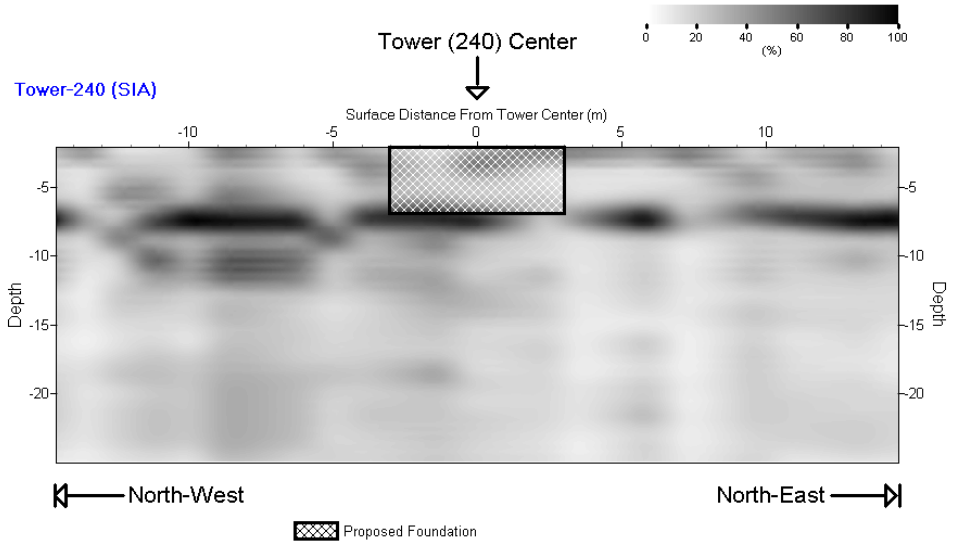

Tower (239) Center
0 20 40 60 80 100
(%)
Tower-239 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

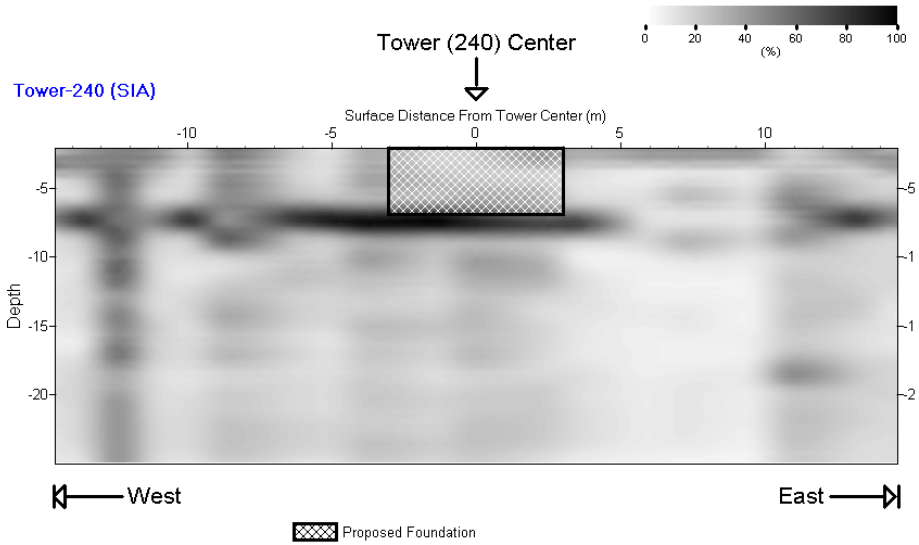

Tower (239) Center
0 20 40 60 80 100
(%)
Tower-239 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

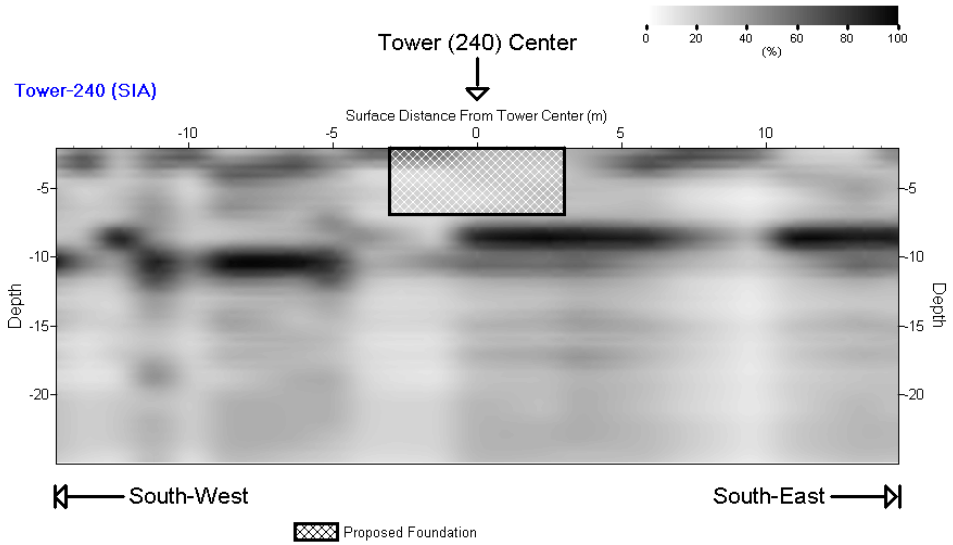

Tower (239) Center
0 20 40 60 80 100
(%)
Tower-239 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-240

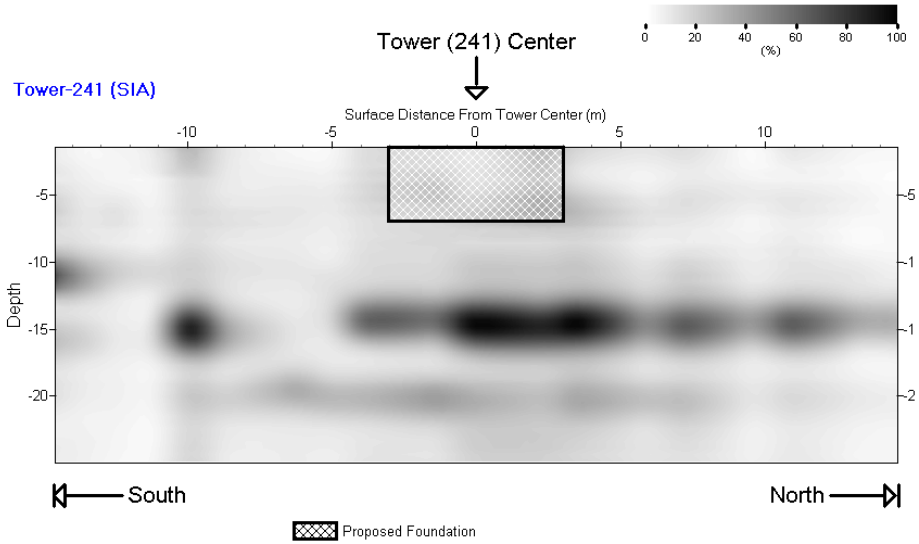

Tower (240) Center
0 20 40 60 80 100
(%)
Tower-240 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

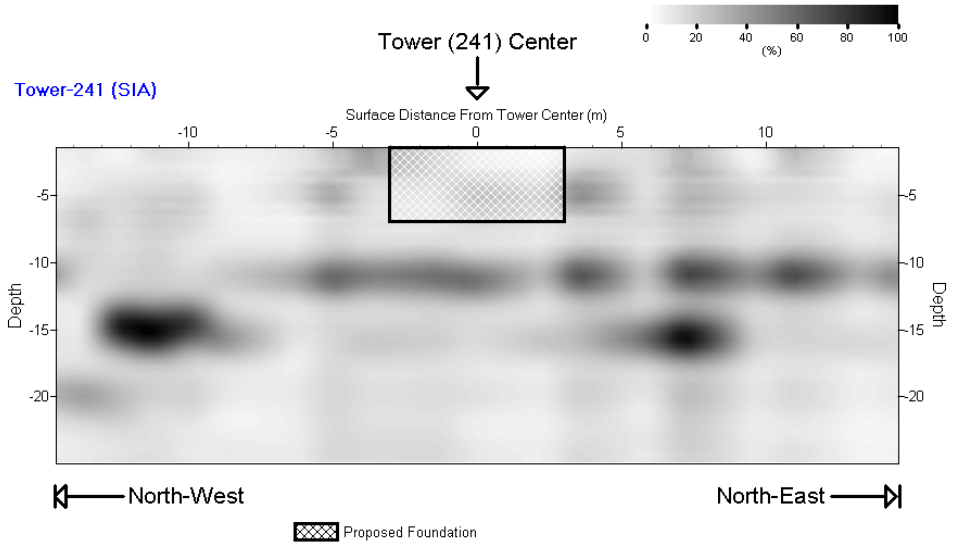

Tower (240) Center
0 20 40 60 80 100
(%)
Tower-240 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

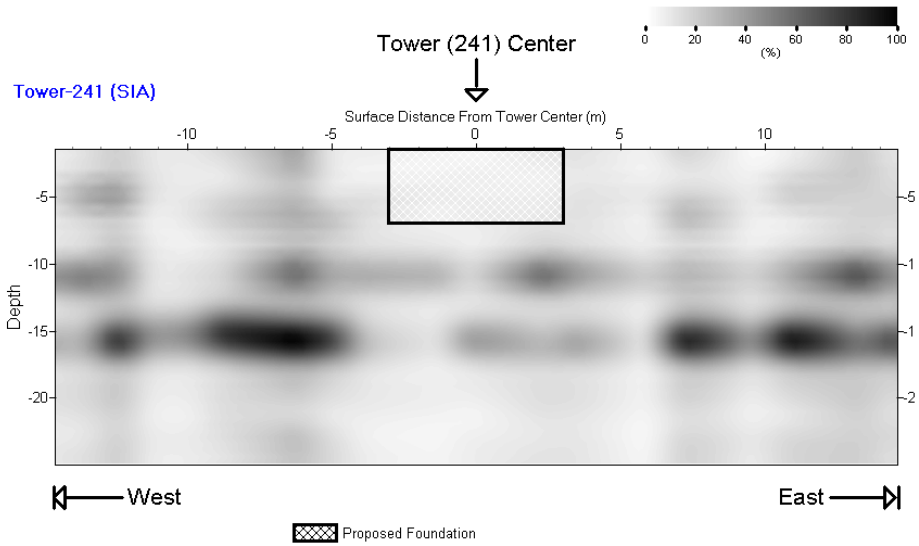

Tower (240) Center
0 20 40 60 80 100
(%)
Tower-240 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

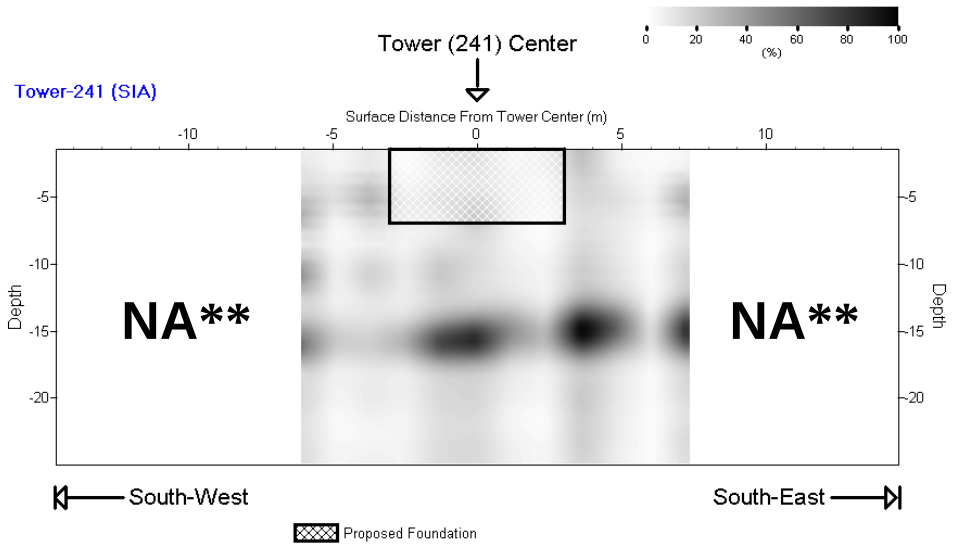

Tower (240) Center
0 20 40 60 80 100
(%)
Tower-240 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-241



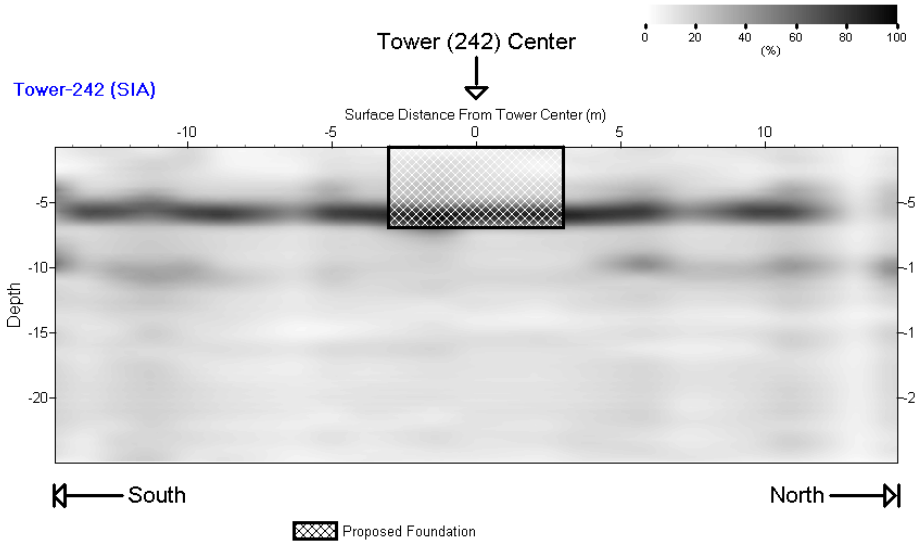


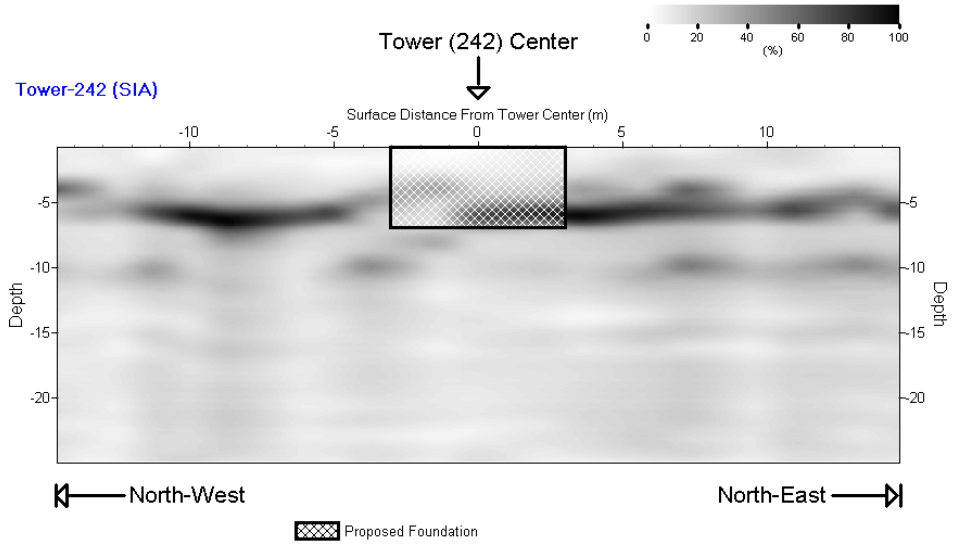


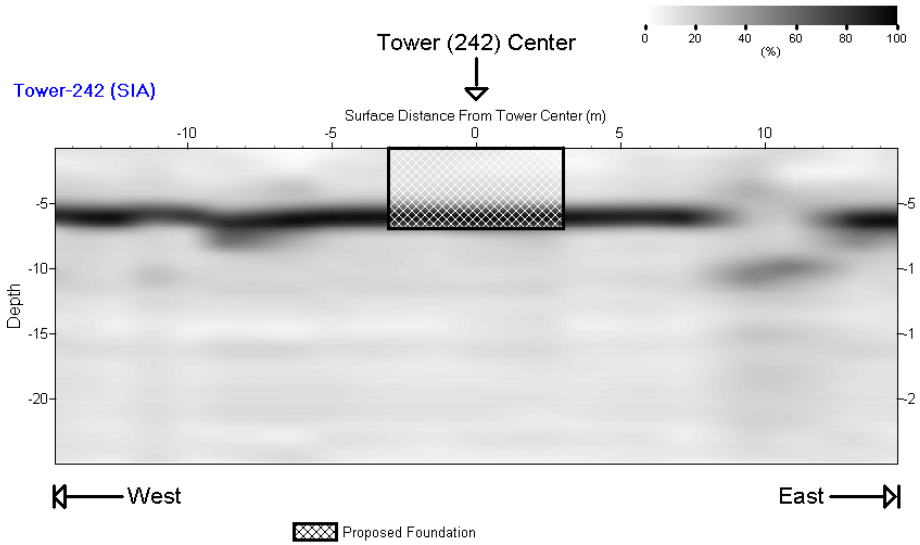


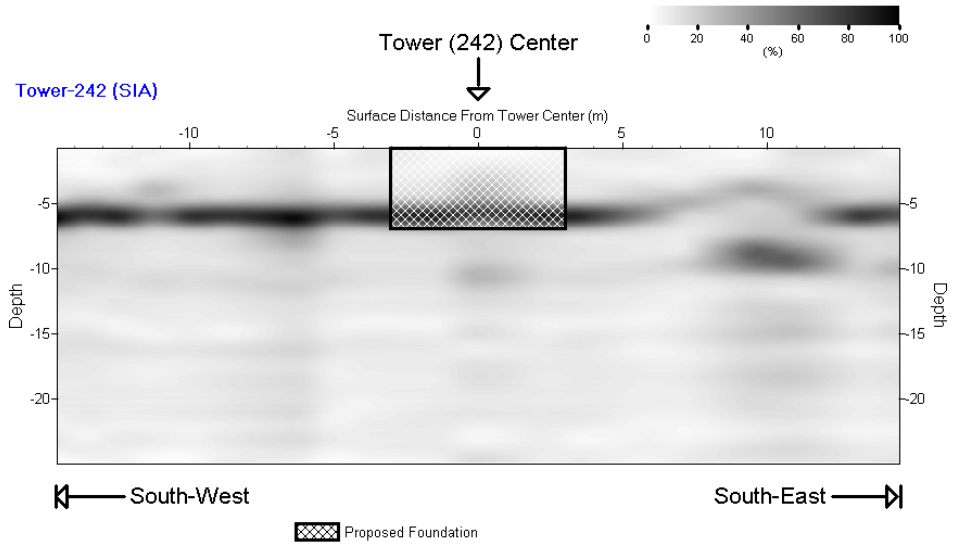
**Data not acquired due to terrain condition (steep drop off). A shorter receiver spacing of 2 ft was use.

T-242

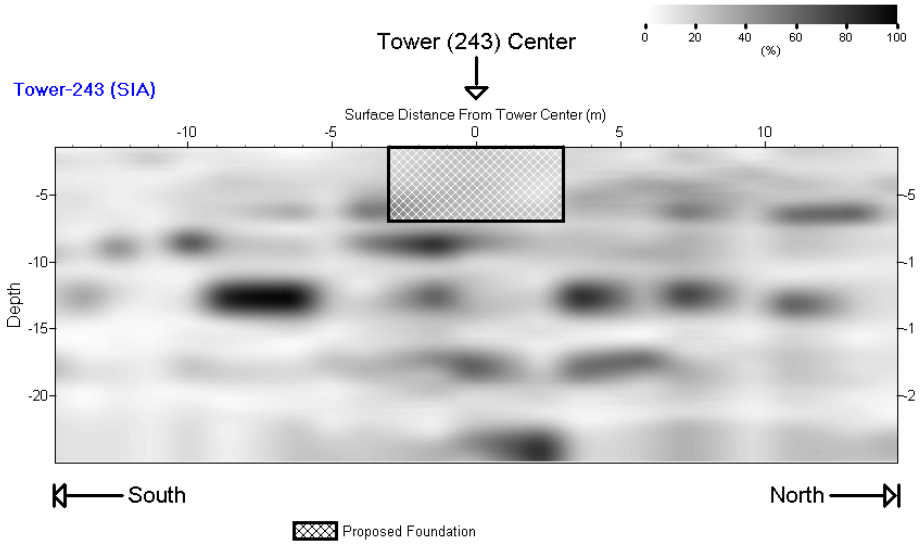

Tower (242) Center
0 20 40 60 80 100
(%)
Tower-242 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

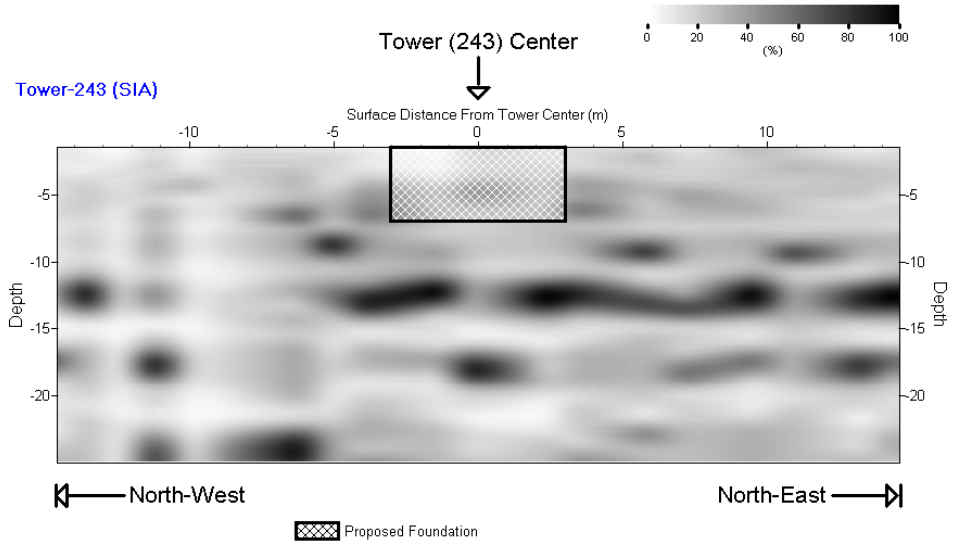

Tower (242) Center
0 20 40 60 80 100
(%)
Tower-242 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

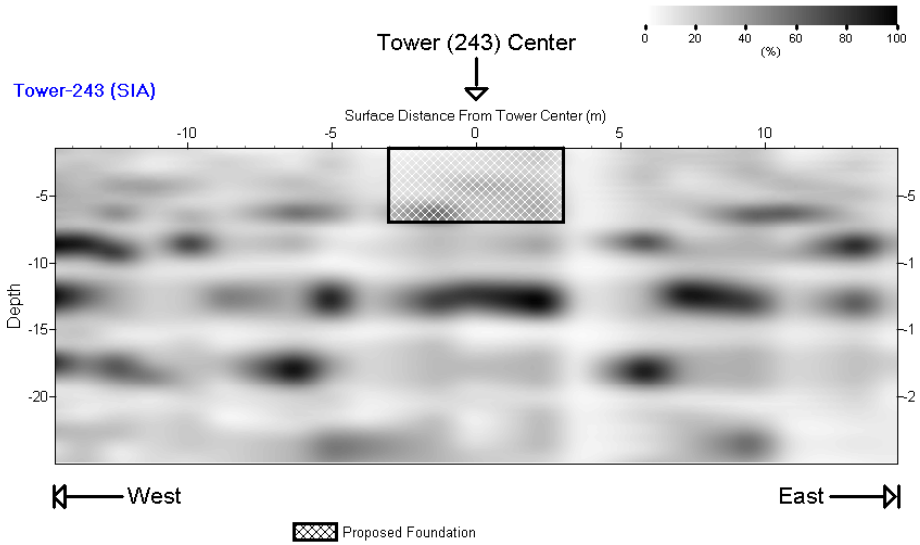

Tower (242) Center
0 20 40 60 80 100
(%)
Tower-242 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

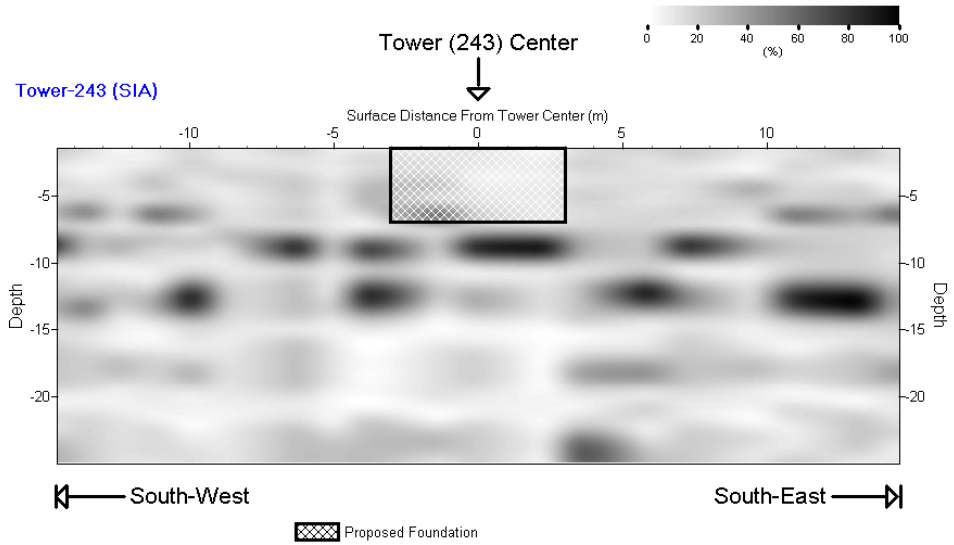

Tower (242) Center
0 20 40 60 80 100
(%)
Tower-242 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-243

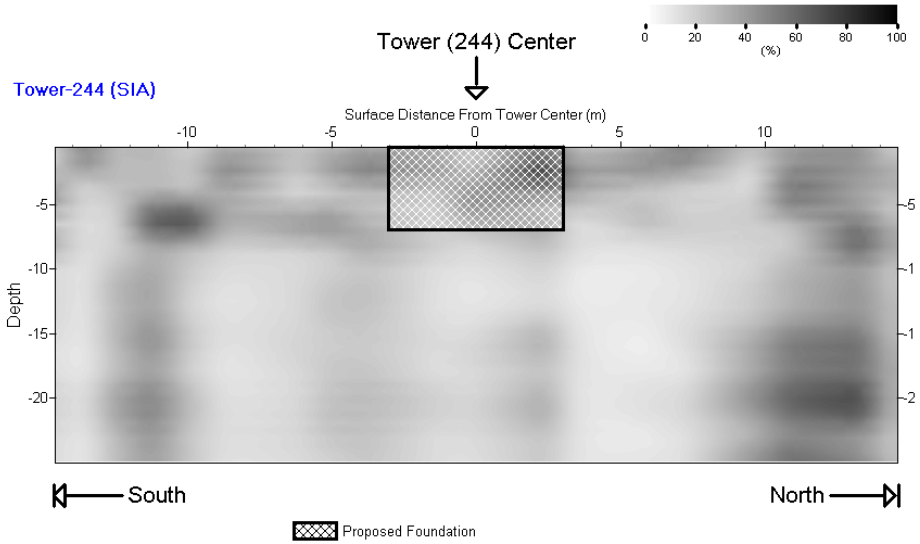

Tower (243) Center
0 20 40 60 80 100
(%)
Tower-243 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

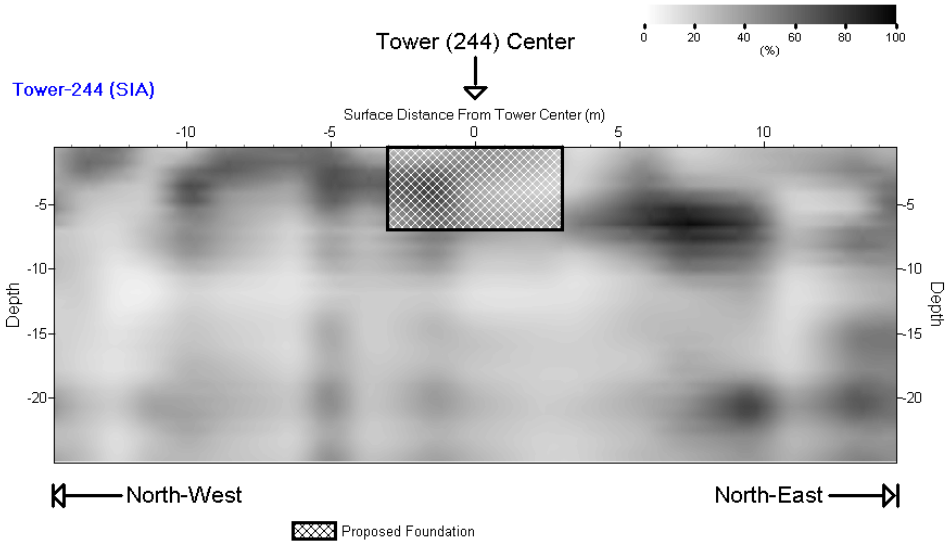

Tower (243) Center
0 20 40 60 80 100
(%)
Tower-243 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

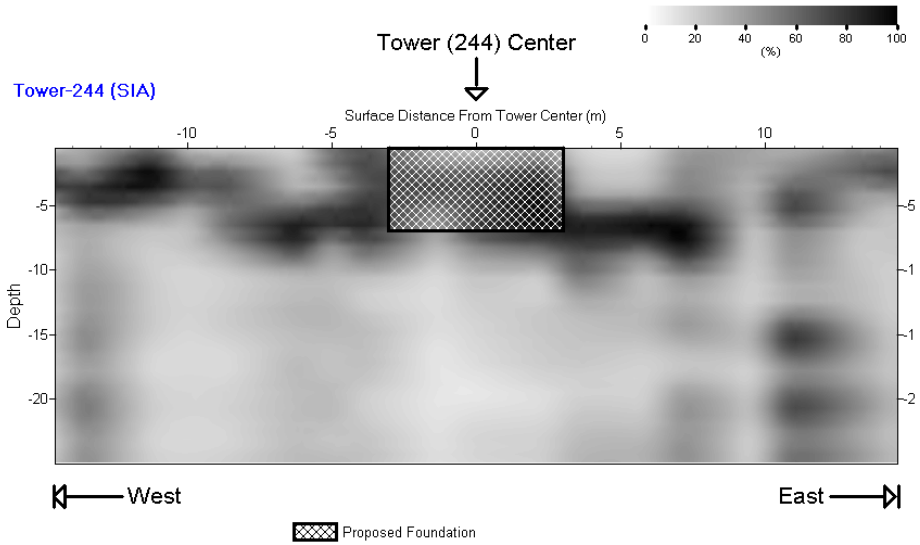

Tower (243) Center
0 20 40 60 80 100
(%)
Tower-243 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

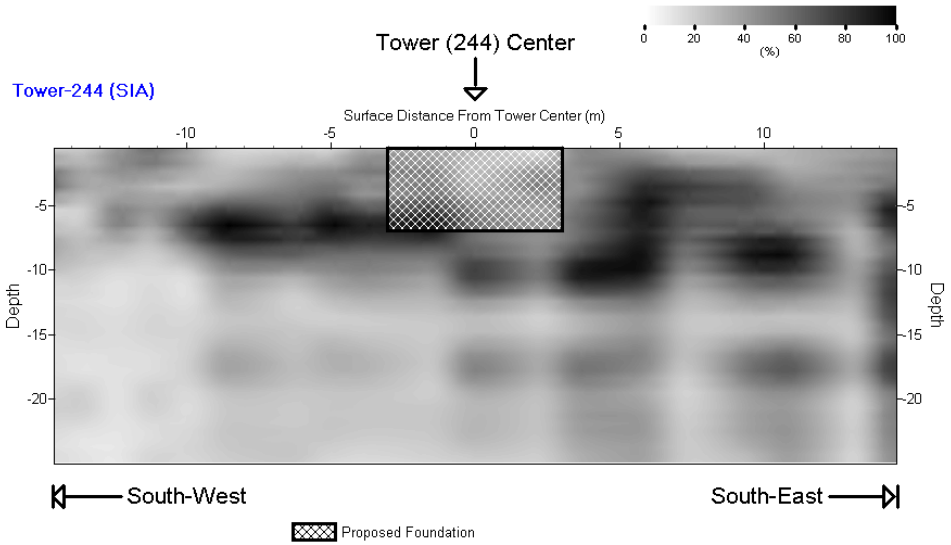

Tower (243) Center
0 20 40 60 80 100
(%)
Tower-243 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-244

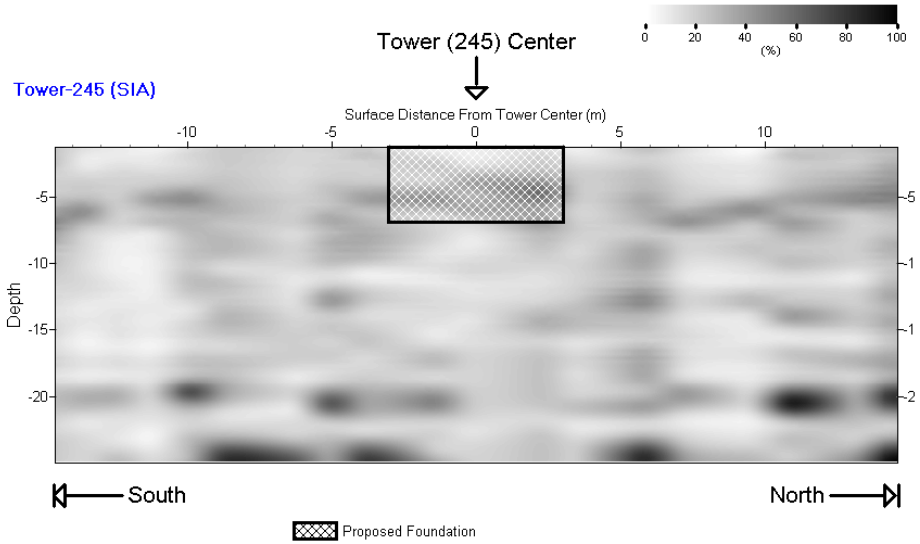

Tower (244) Center
0 20 40 60 80 100
(%)
Tower-244 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

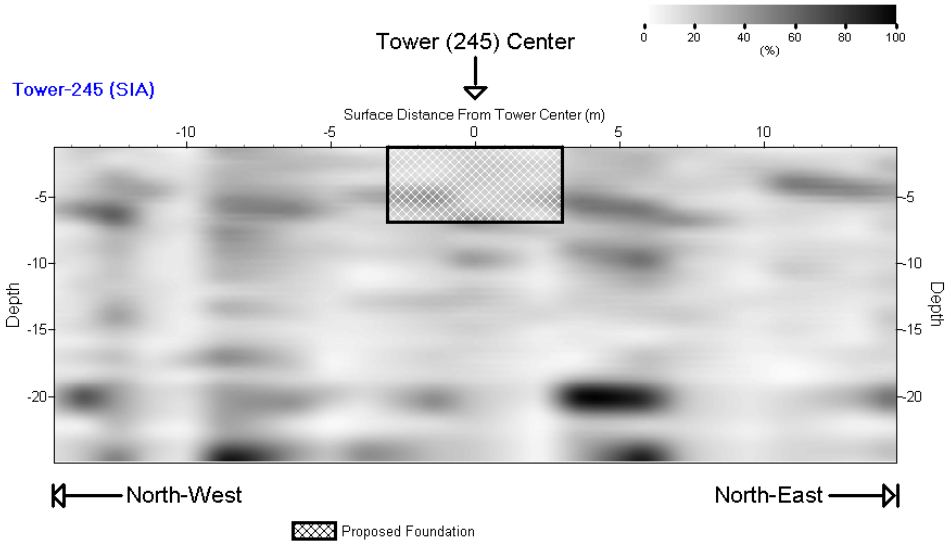

Tower (244) Center
0 20 40 60 80 100
(%)
Tower-244 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

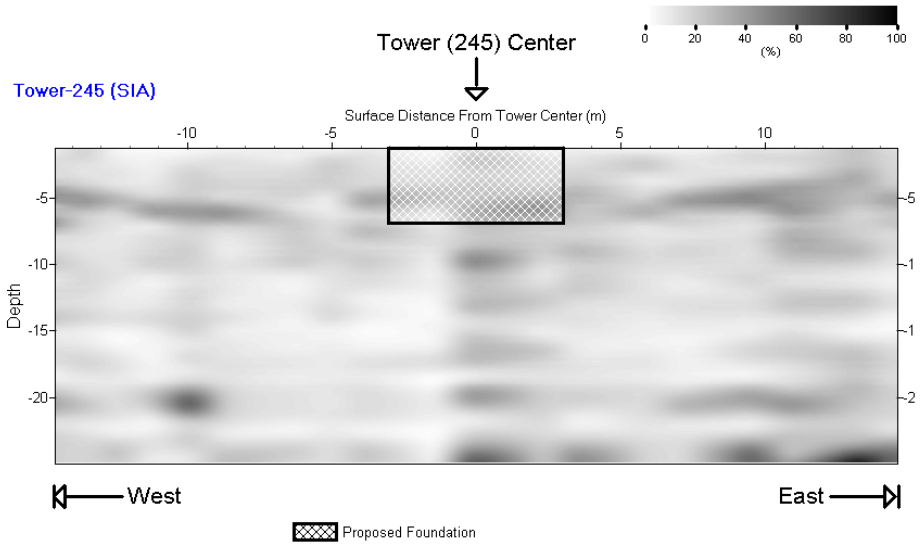

Tower (244) Center
0 20 40 60 80 100
(%)
Tower-244 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

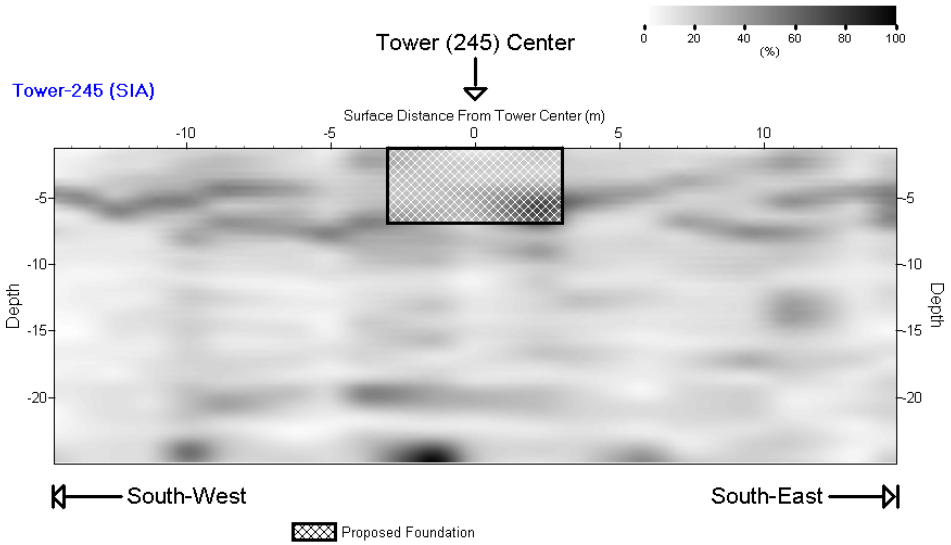

Tower (244) Center
0 20 40 60 80 100
(%)
Tower-244 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-245

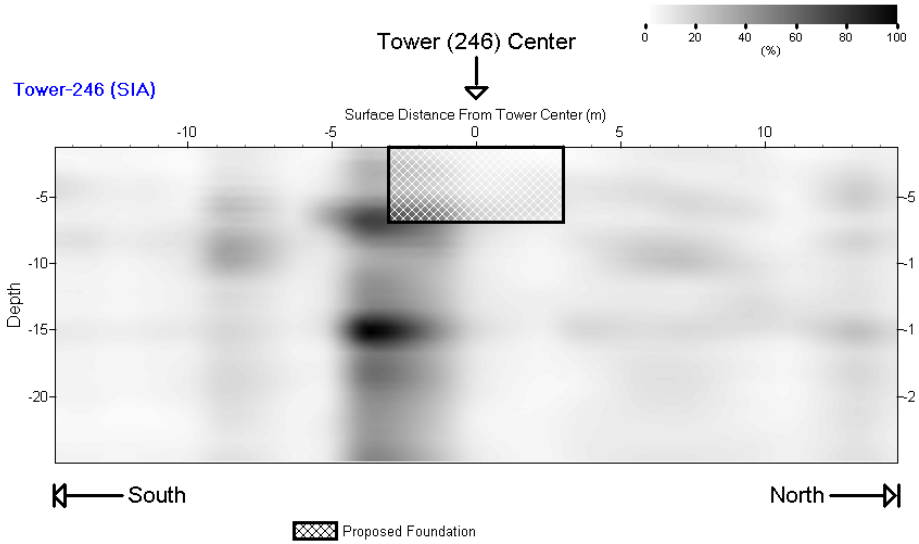

Tower (245) Center
0 20 40 60 80 100
(%)
Tower-245 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

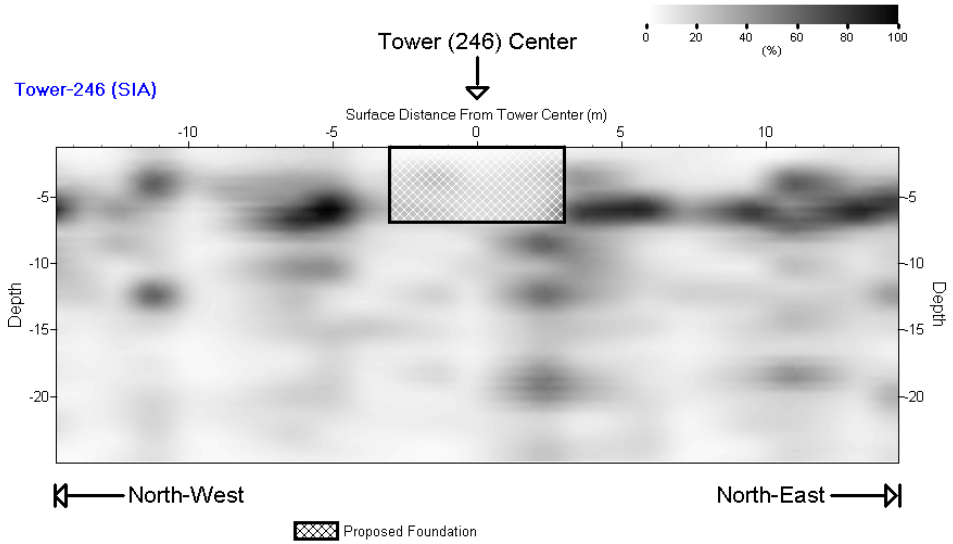

Tower (245) Center
0 20 40 60 80 100
(%)
Tower-245 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

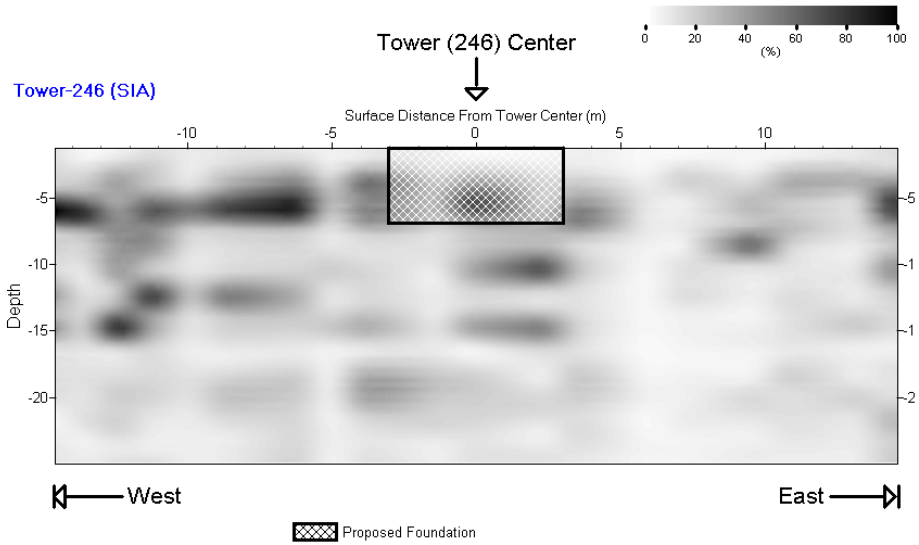

Tower (245) Center
0 20 40 60 80 100
(%)
Tower-245 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

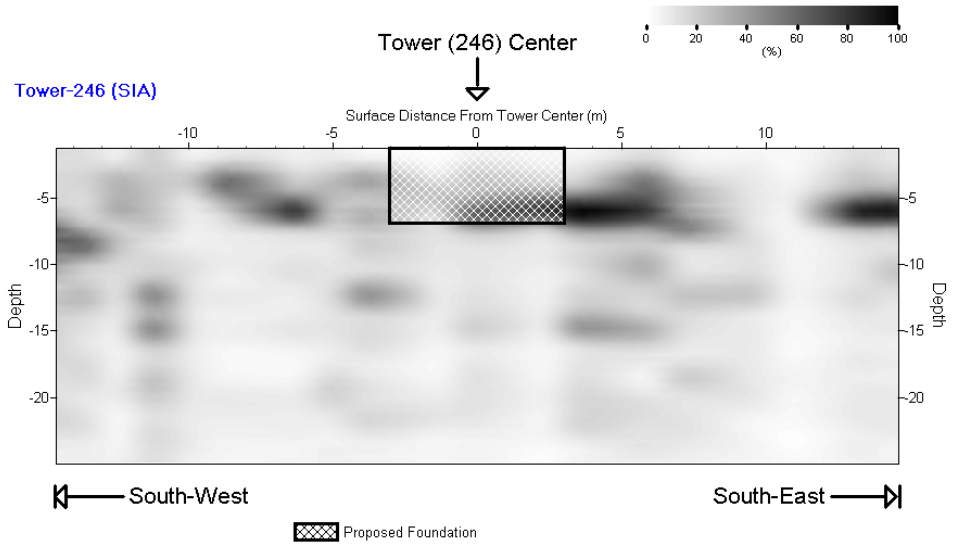

Tower (245) Center
0 20 40 60 80 100
(%)
Tower-245 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-246

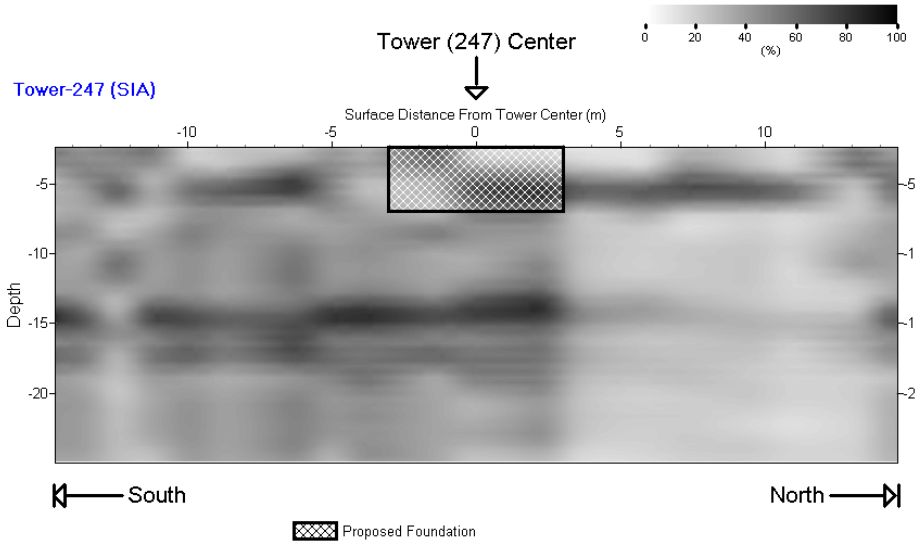

Tower (246) Center
0 20 40 60 80 100
(%)
Tower-246 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

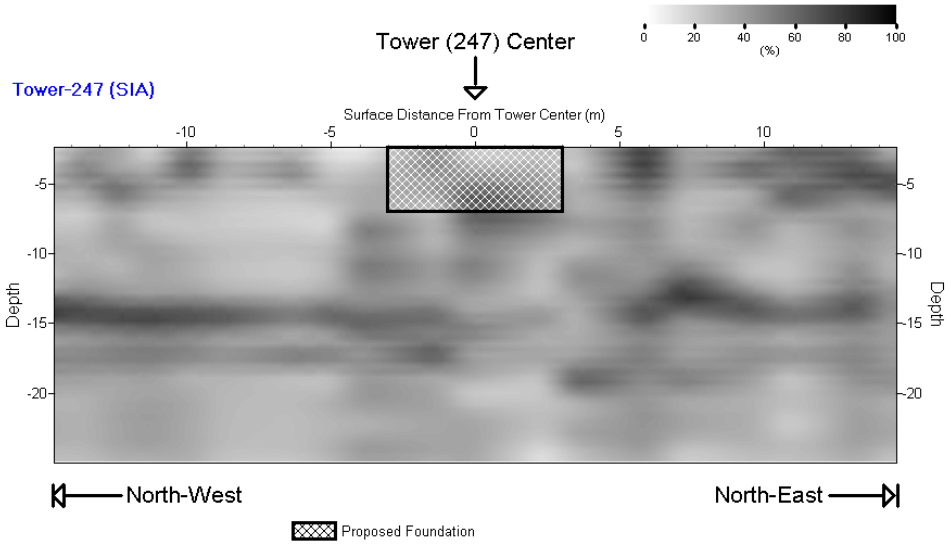

Tower (246) Center
0 20 40 60 80 100
(%)
Tower-246 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

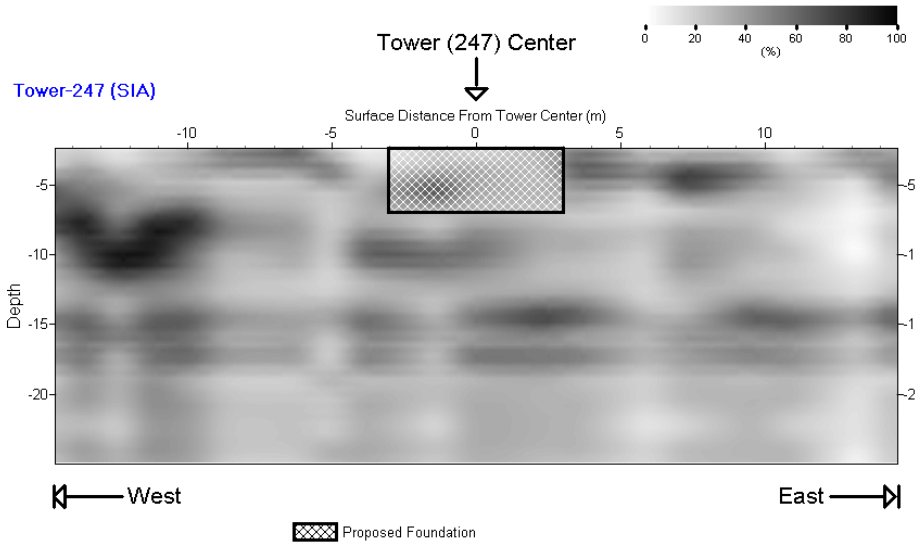

Tower (246) Center
0 20 40 60 80 100
(%)
Tower-246 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

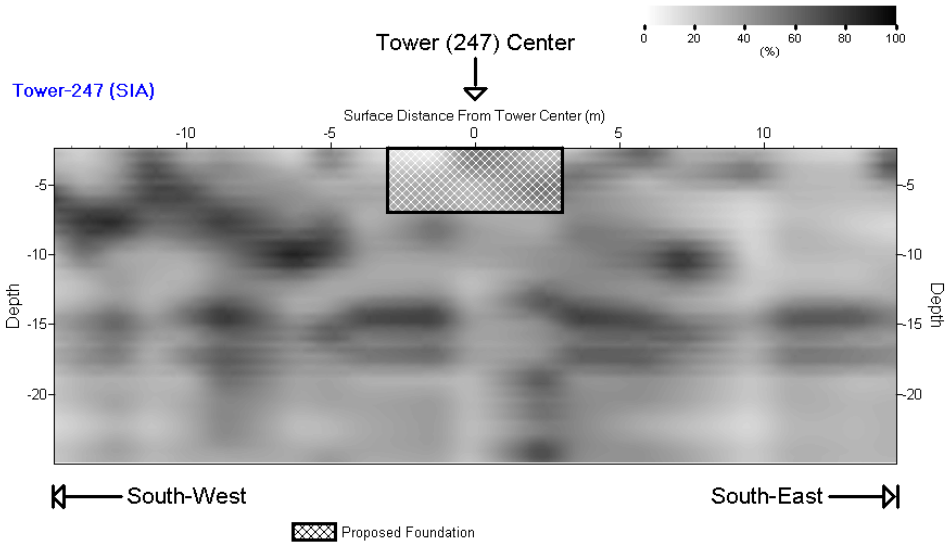

Tower (246) Center
0 20 40 60 80 100
(%)
Tower-246 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-247

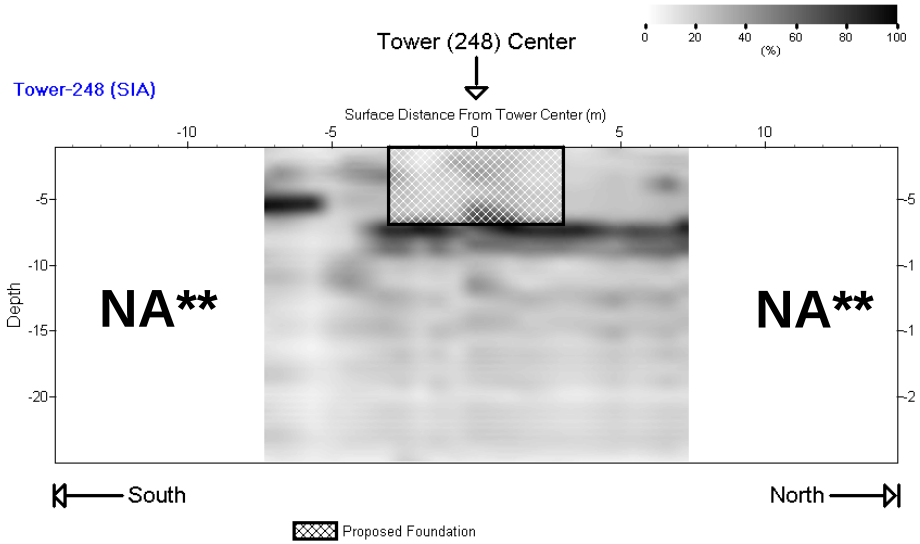

Tower (247) Center
0 20 40 60 80 100
(%)
Tower-247 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

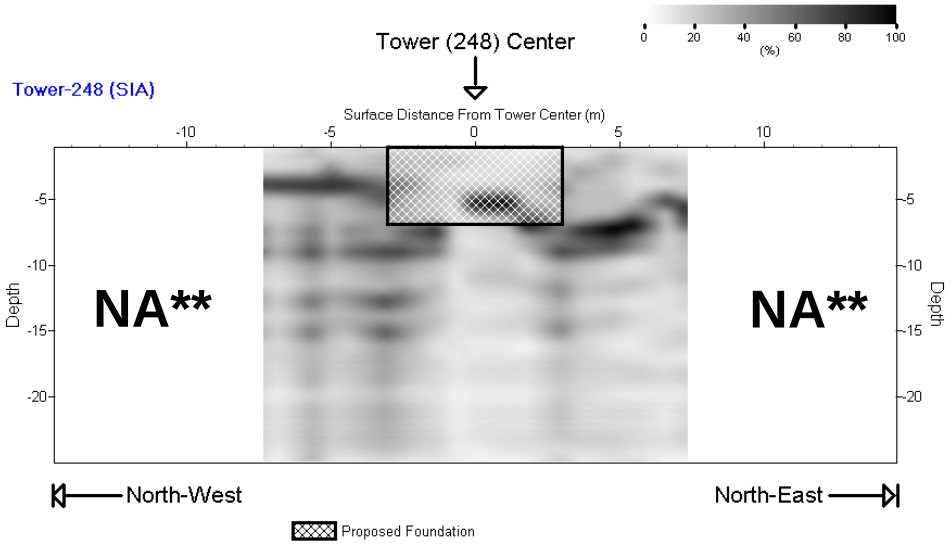

Tower (247) Center
0 20 40 60 80 100
(%)
Tower-247 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

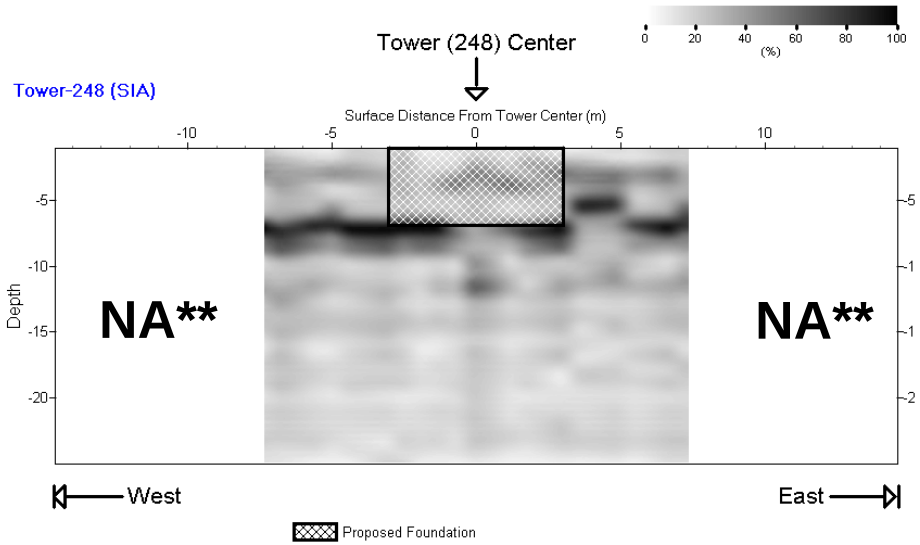

Tower (247) Center
0 20 40 60 80 100
(%)
Tower-247 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

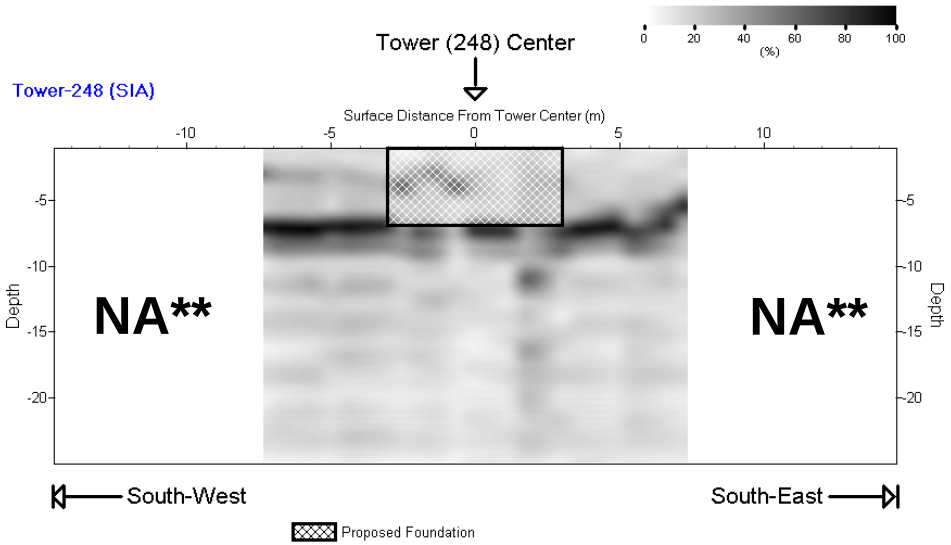

Tower (247) Center
0 20 40 60 80 100
(%)
Tower-247 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-248



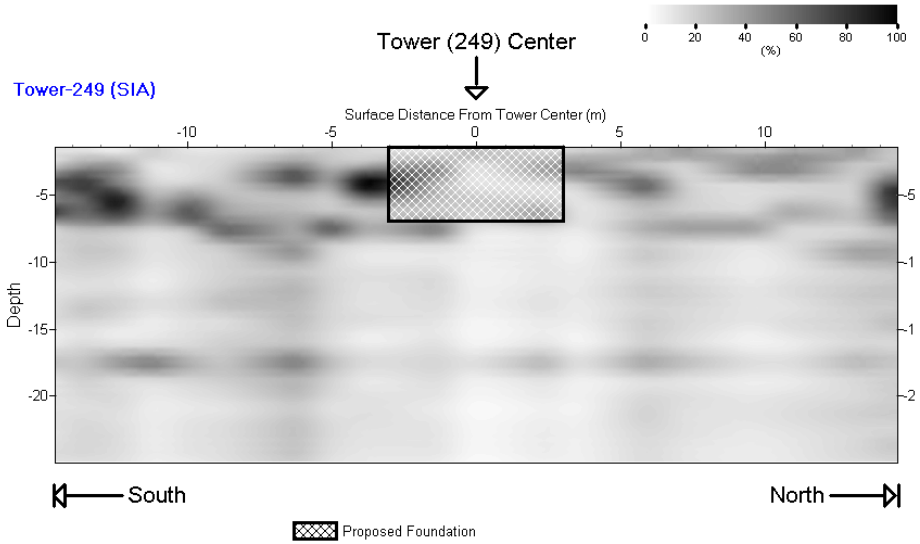


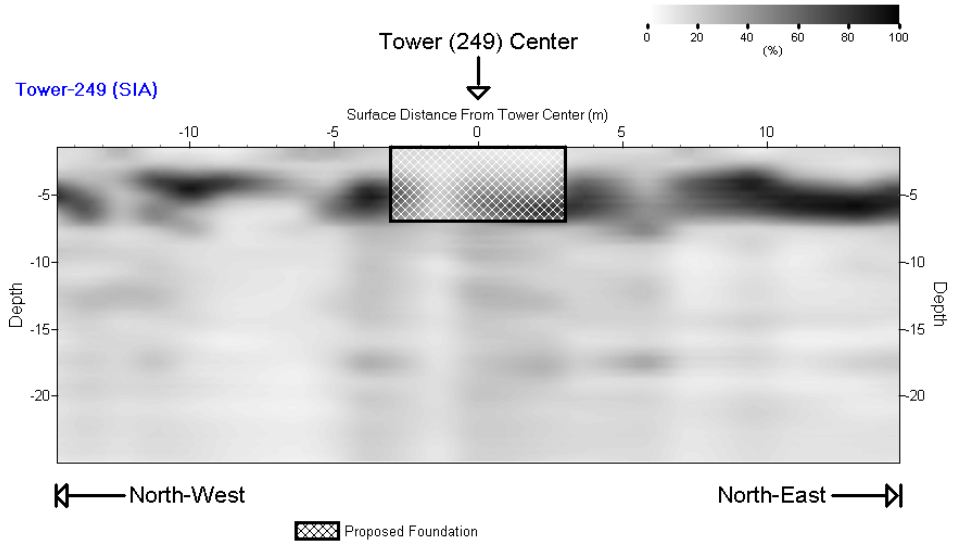


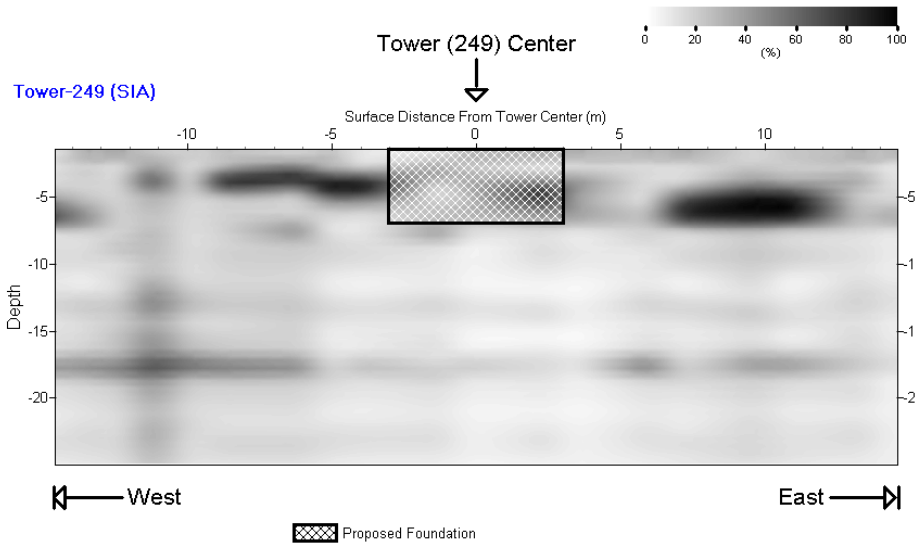


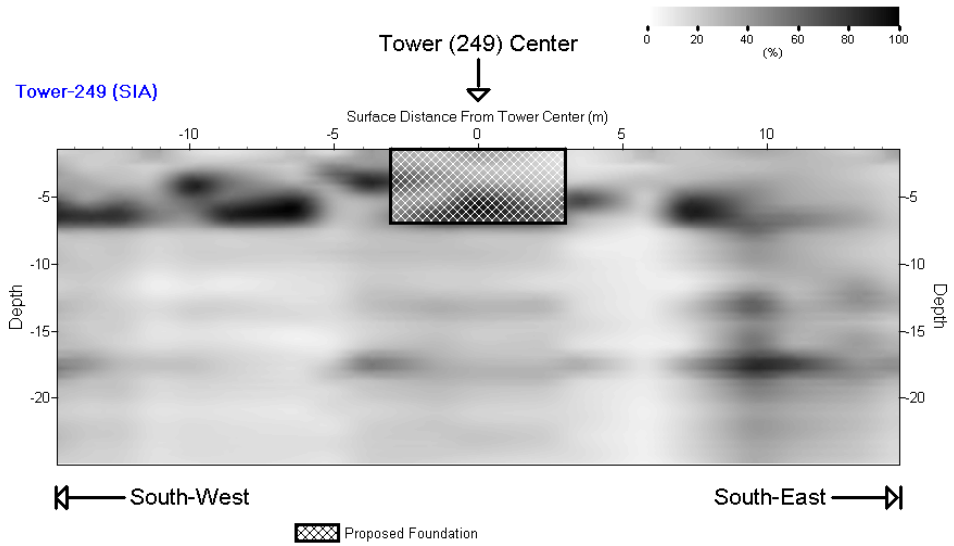
**Data not acquired due to terrain condition (shorter receiver spacing of 2 ft used)

T-249

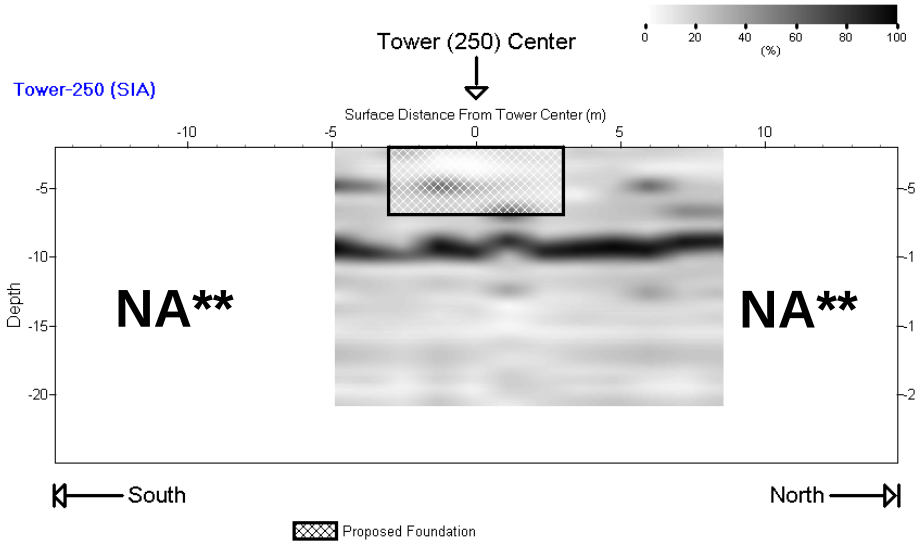

Tower (249) Center
0 20 40 60 80 100
(%)
Tower-249 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

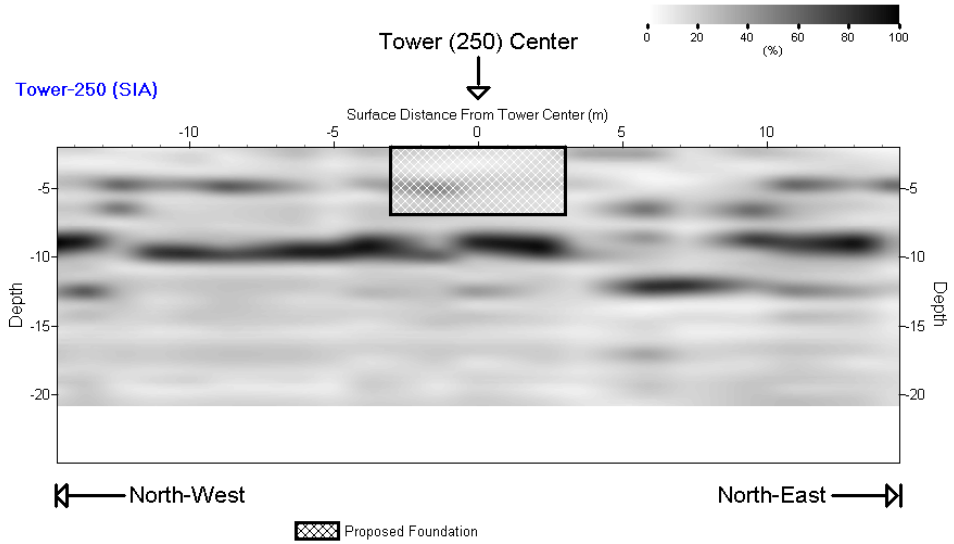

Tower (249) Center
0 20 40 60 80 100
(%)
Tower-249 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

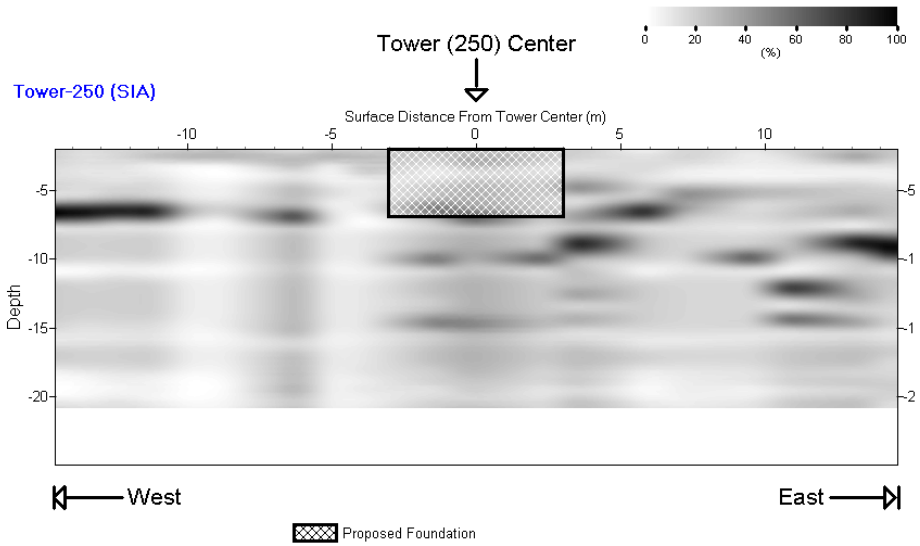

Tower (249) Center
0 20 40 60 80 100
(%)
Tower-249 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

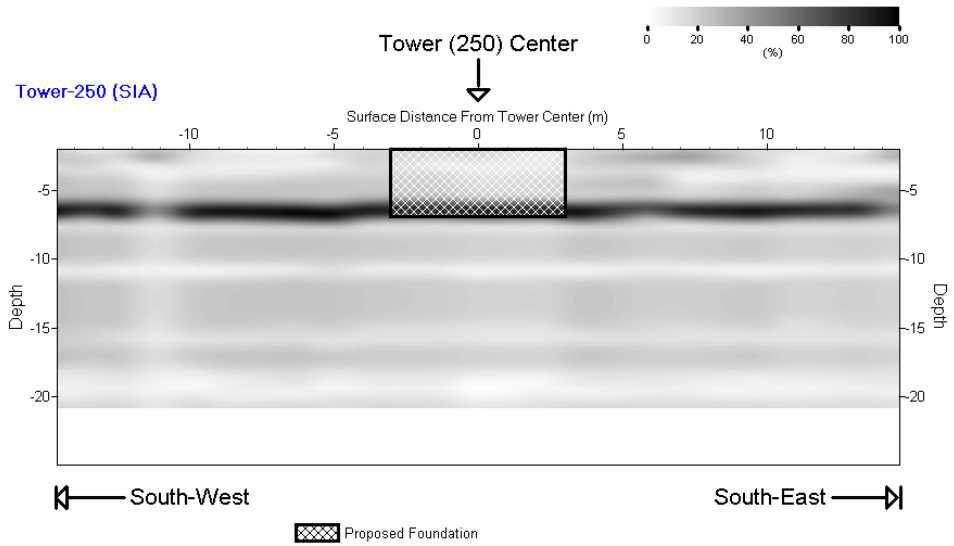

Tower (249) Center
0 20 40 60 80 100
(%)
Tower-249 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-250



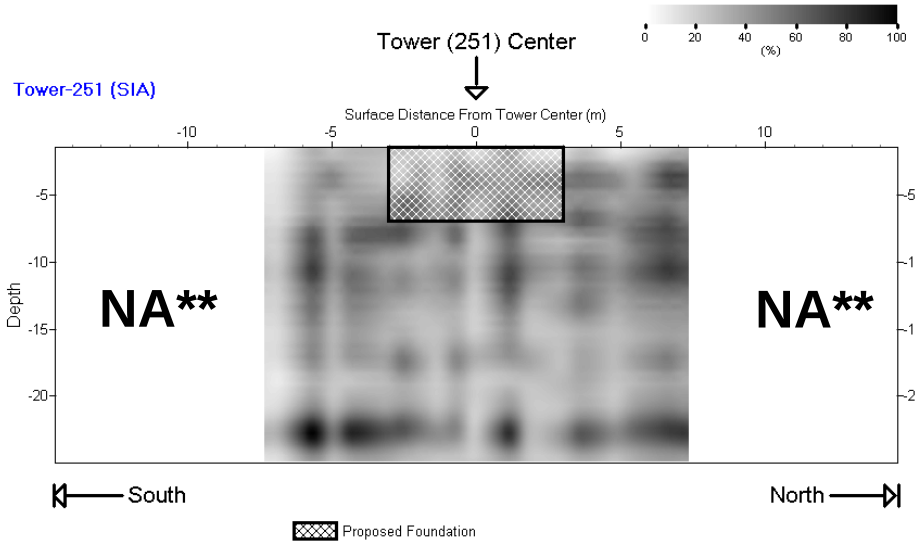


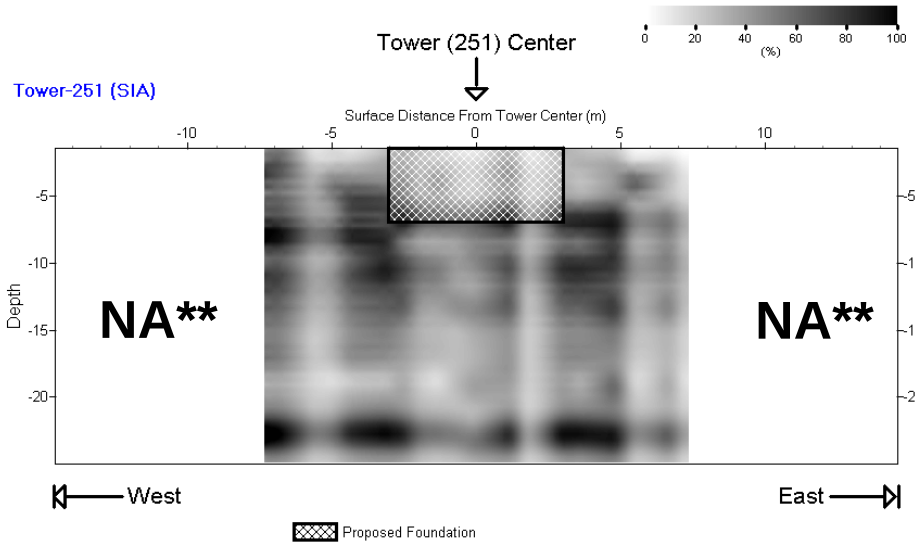


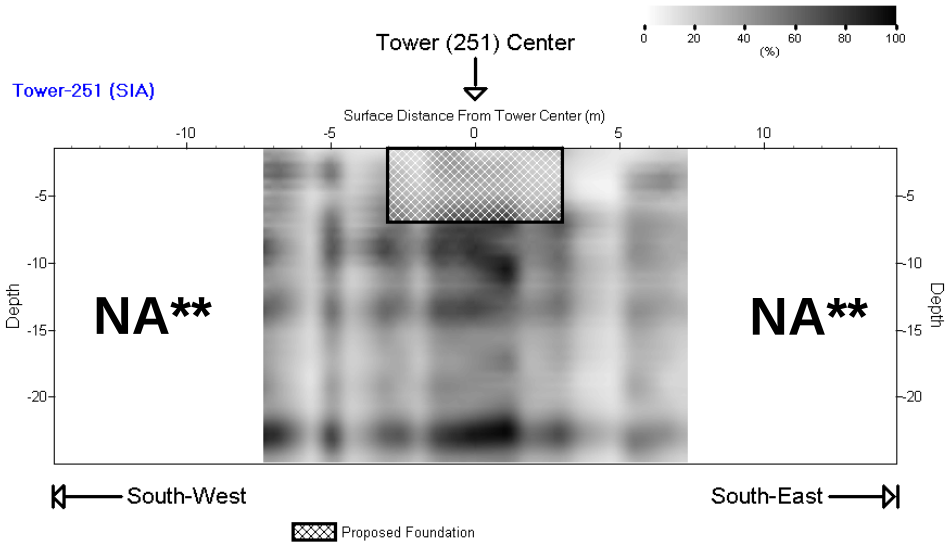


**Data not acquired due to terrain condition

T-251

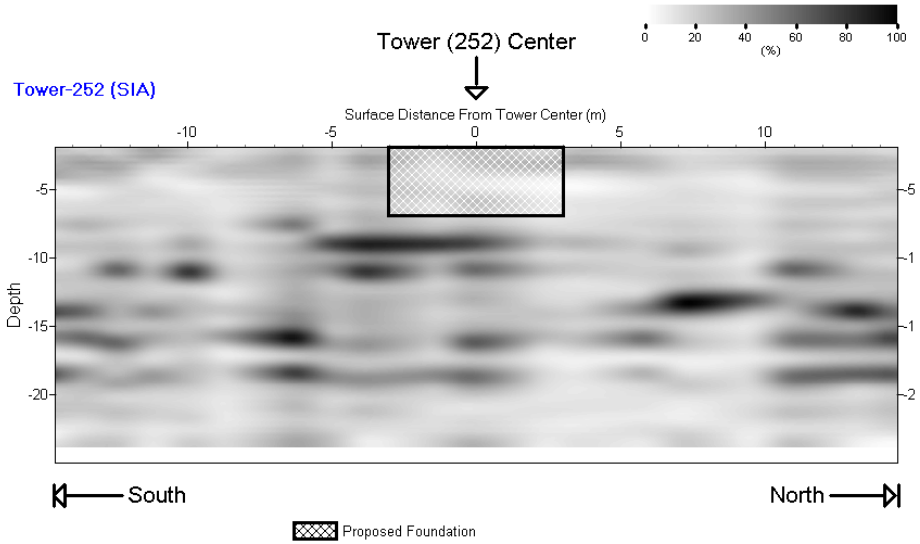


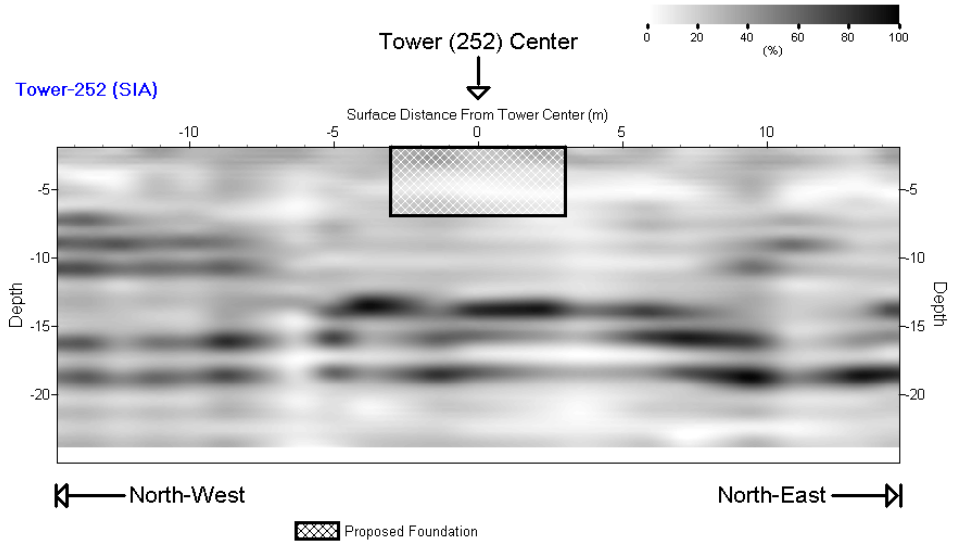


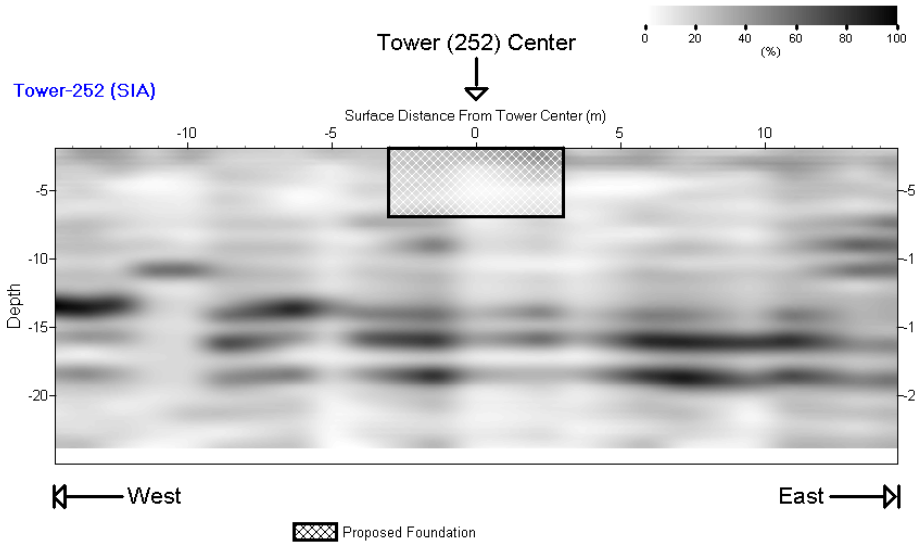


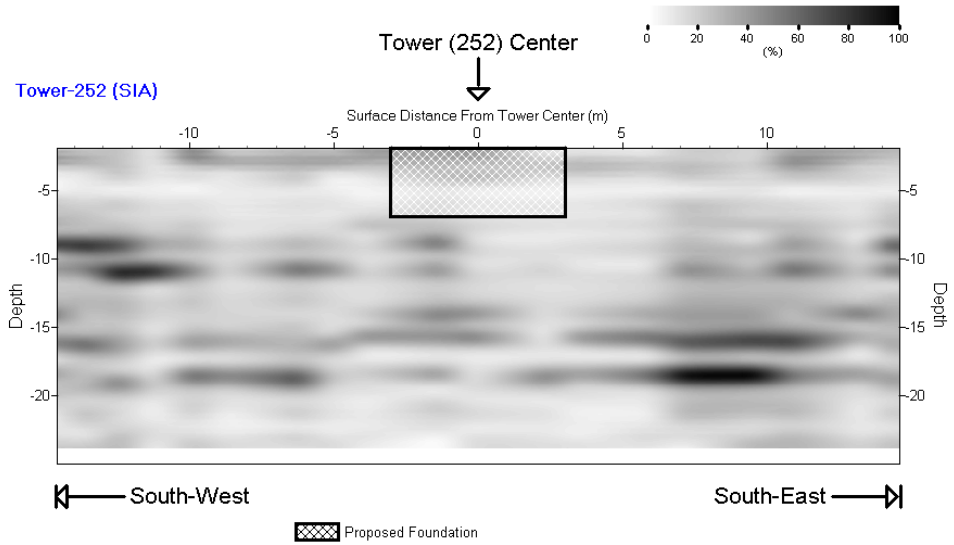
**Data not acquired due to terrain condition (shorter receiver spacing of 2 ft used)

T-252

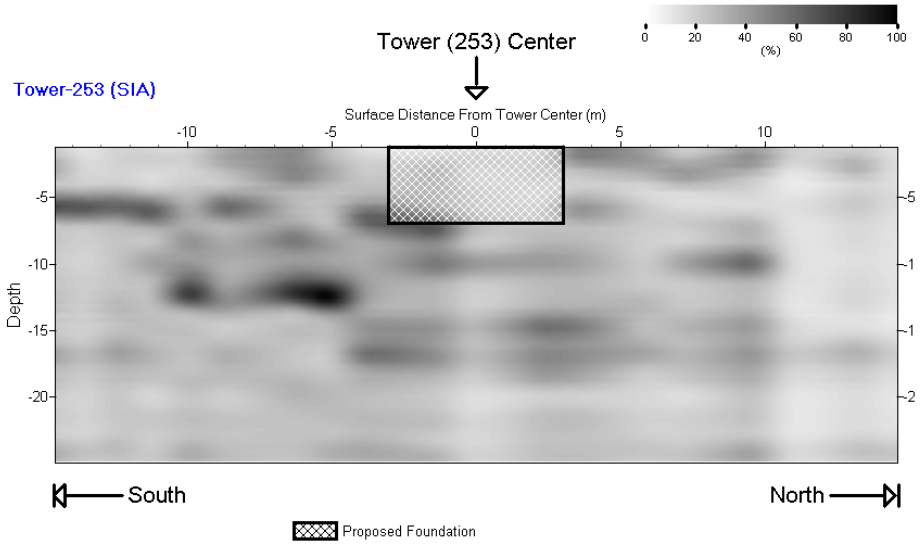

Tower (252) Center
0 20 40 60 80 100
(%)
Tower-252 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

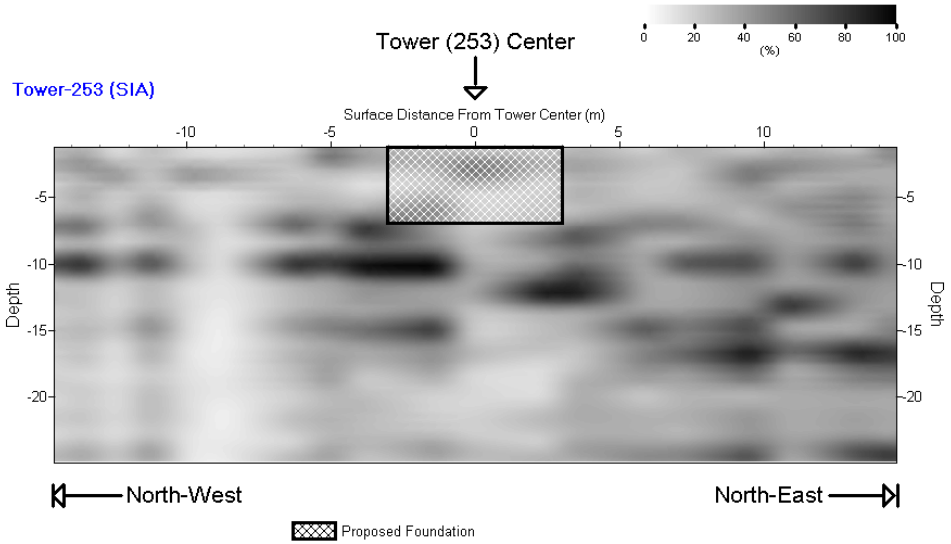

Tower (252) Center
0 20 40 60 80 100
(%)
Tower-252 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

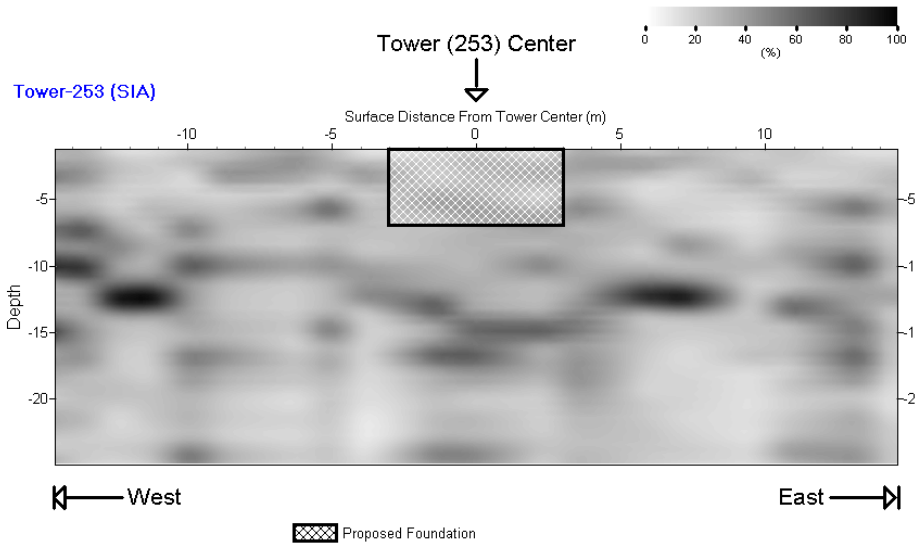

Tower (252) Center
0 20 40 60 80 100
(%)
Tower-252 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

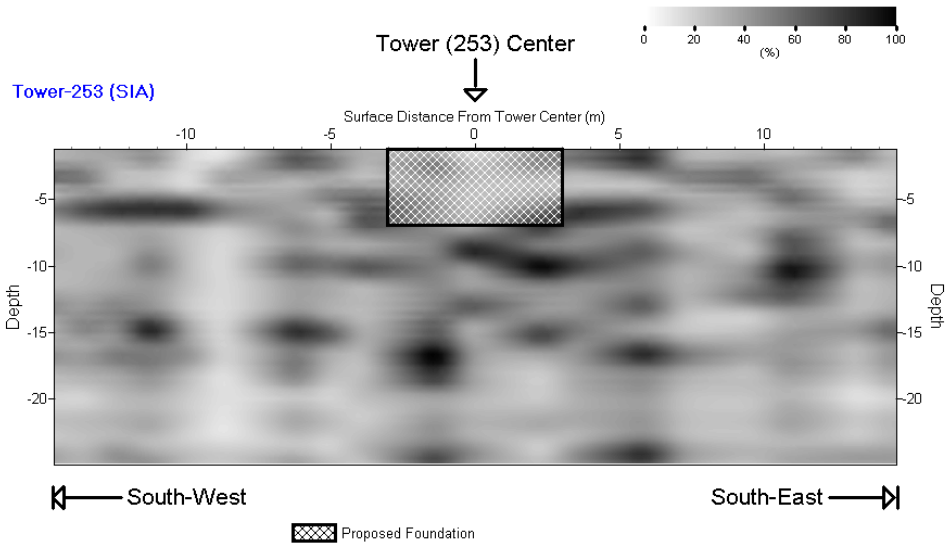

Tower (252) Center
0 20 40 60 80 100
(%)
Tower-252 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-253

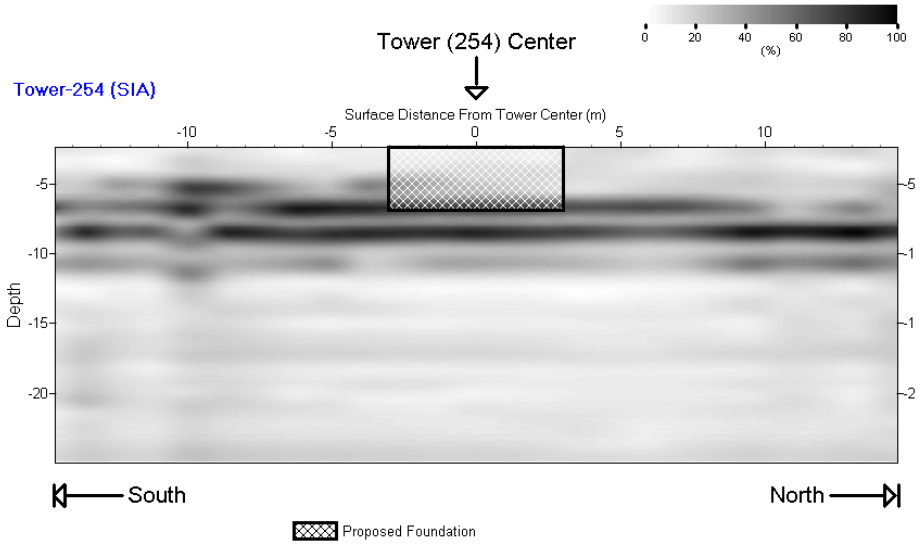

Tower (253) Center
0 20 40 60 80 100
(%)
Tower-253 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

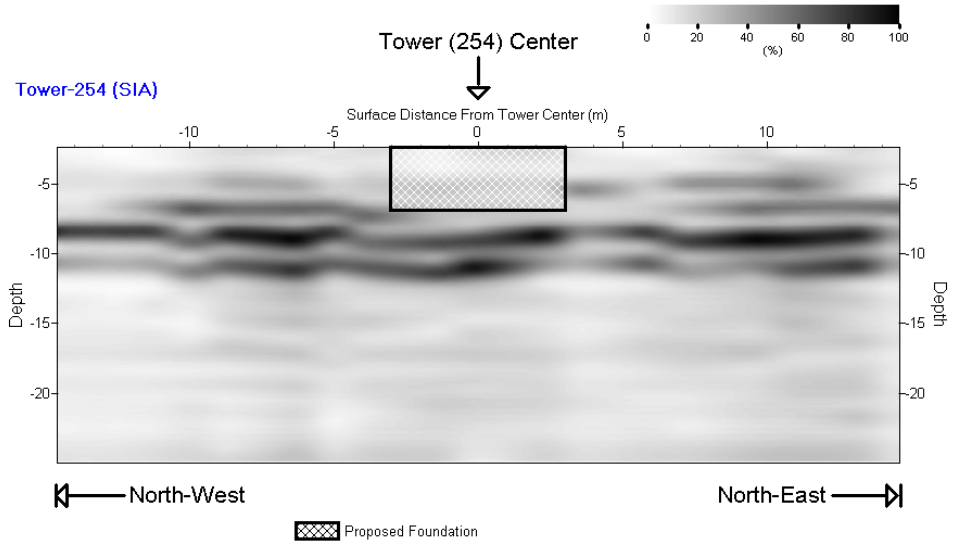

Tower (253) Center
0 20 40 60 80 100
(%)
Tower-253 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

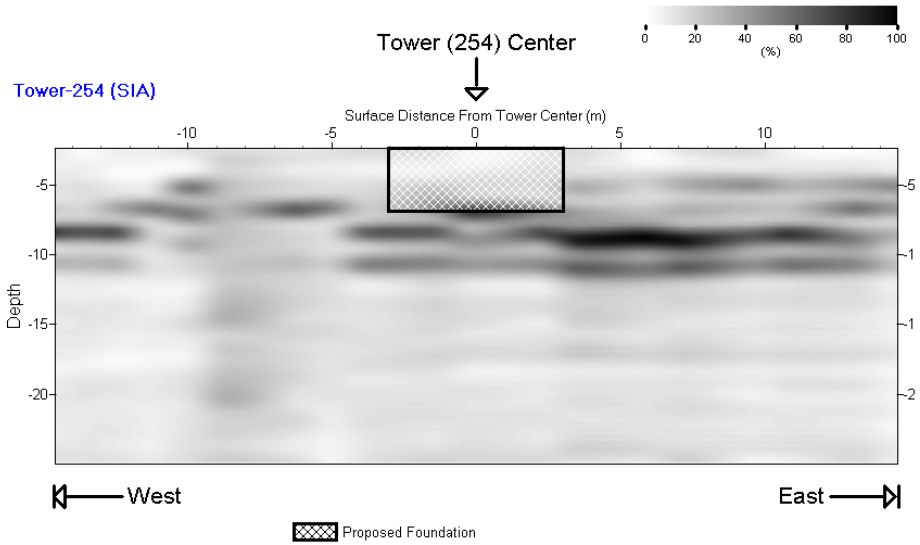

Tower (253) Center
0 20 40 60 80 100
(%)
Tower-253 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

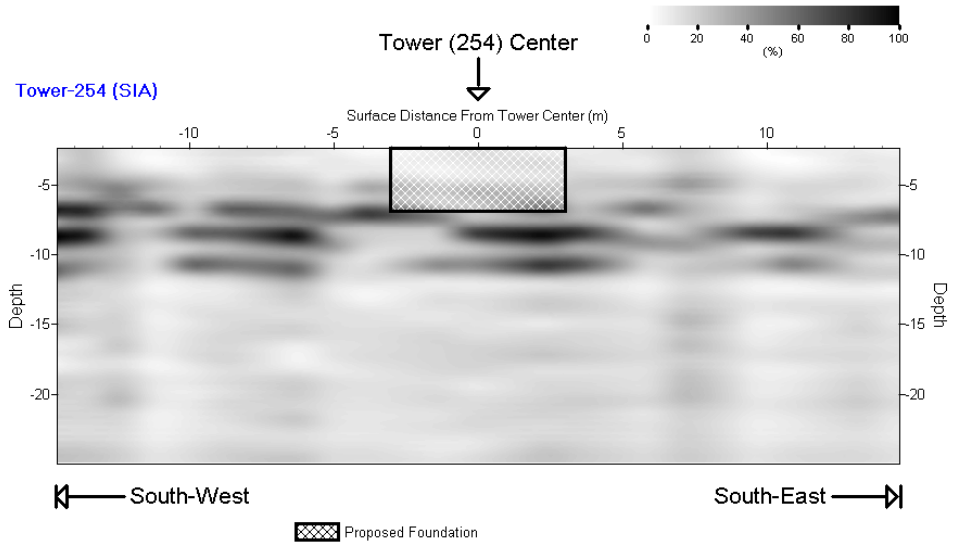

Tower (253) Center
0 20 40 60 80 100
(%)
Tower-253 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-254

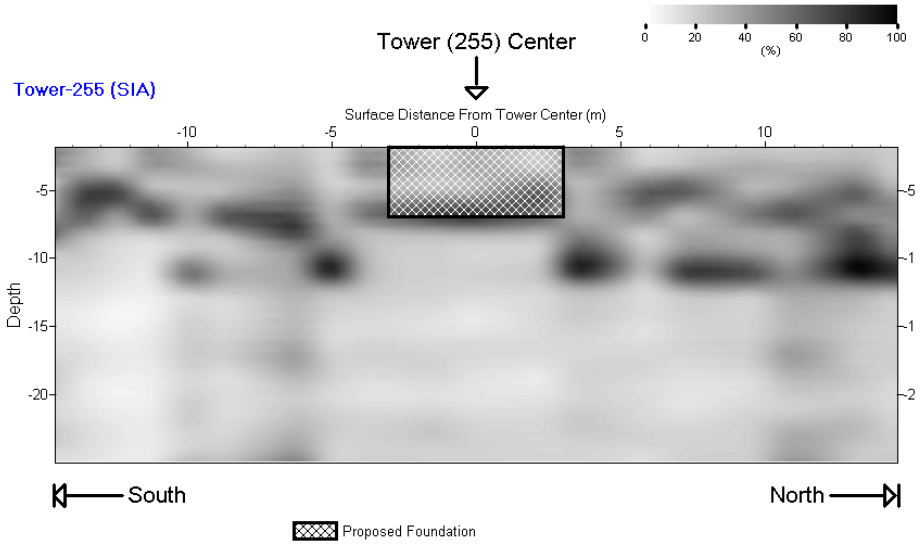

Tower (254) Center
0 20 40 60 80 100
(%)
Tower-254 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

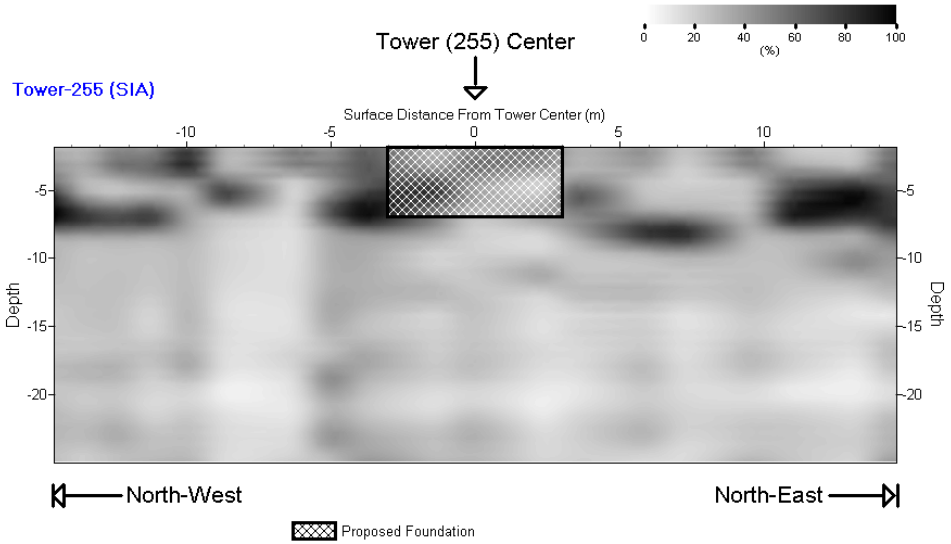

Tower (254) Center
0 20 40 60 80 100
(%)
Tower-254 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

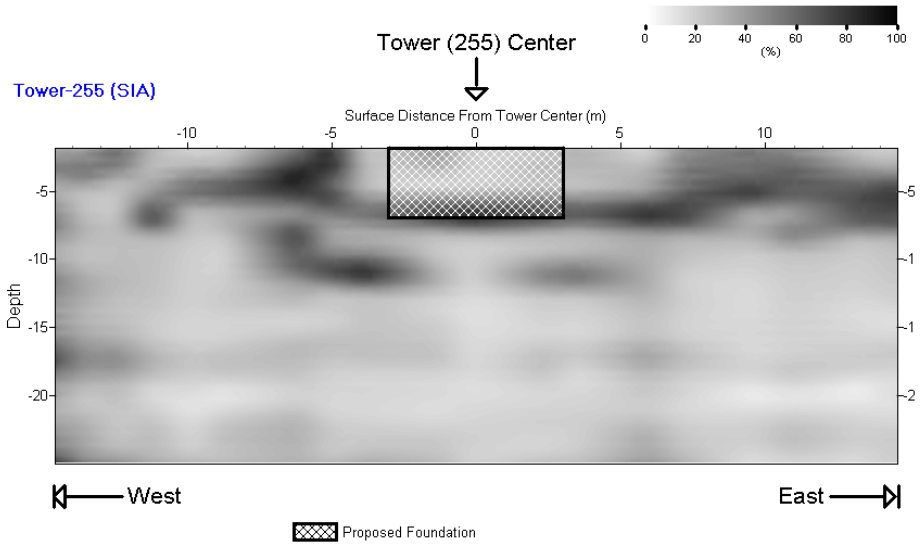

Tower (254) Center
0 20 40 60 80 100
(%)
Tower-254 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

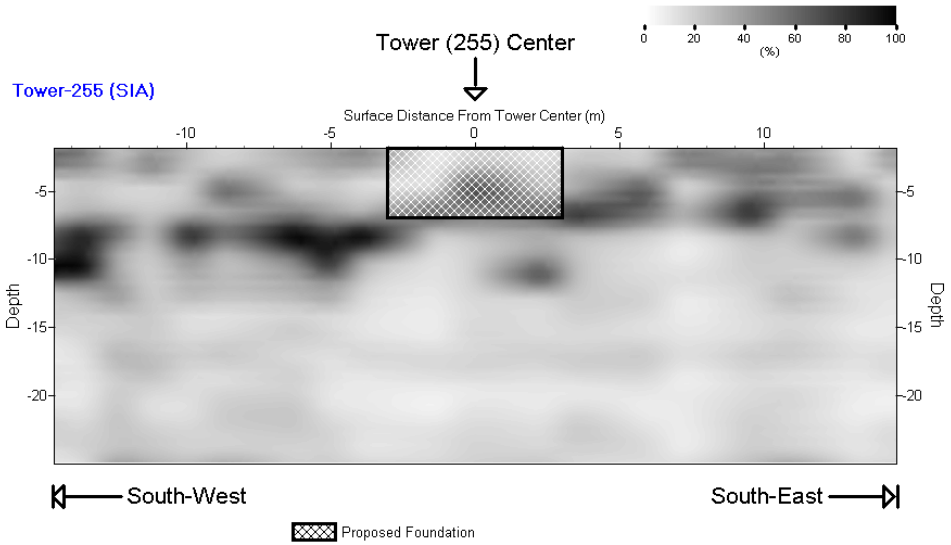

Tower (254) Center
0 20 40 60 80 100
(%)
Tower-254 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-255

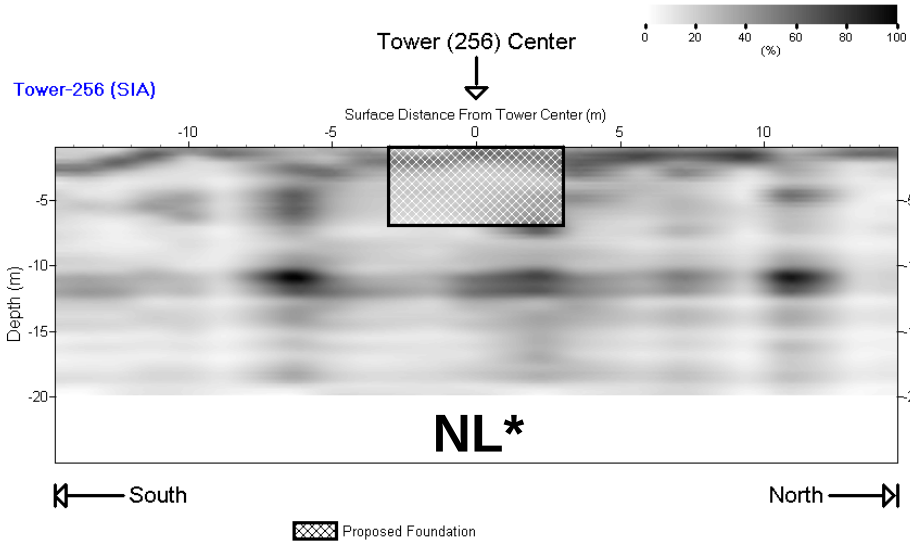

Tower (255) Center
0 20 40 60 80 100
(%)
Tower-255 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

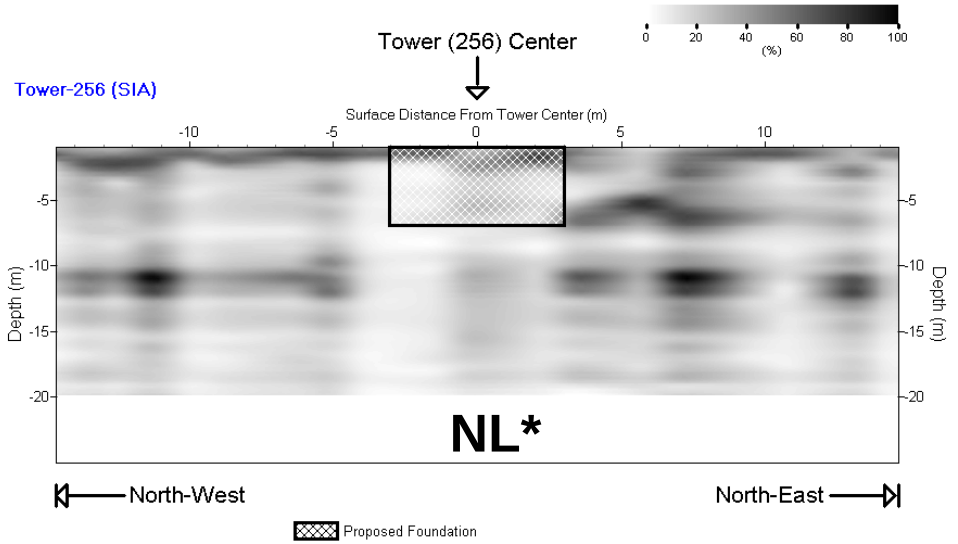

Tower (255) Center
0 20 40 60 80 100
(%)
Tower-255 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

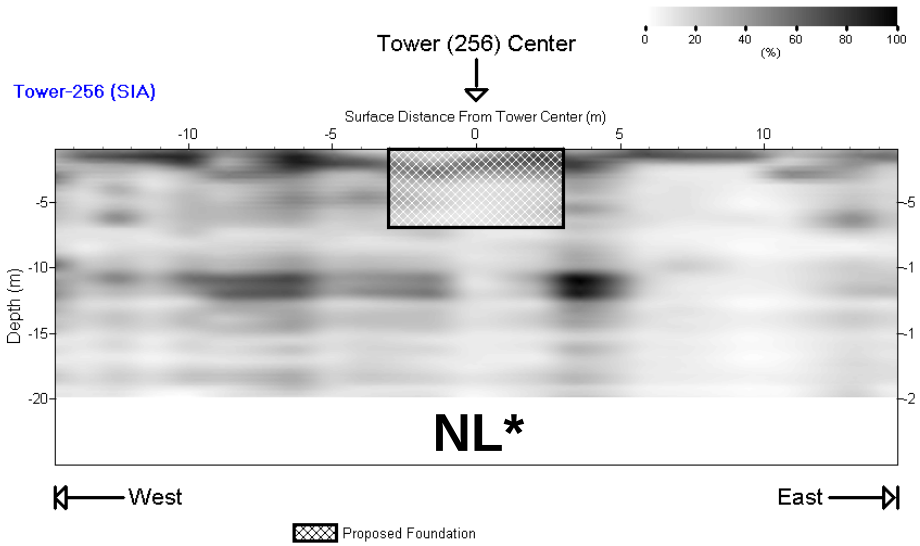

Tower (255) Center
0 20 40 60 80 100
(%)
Tower-255 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

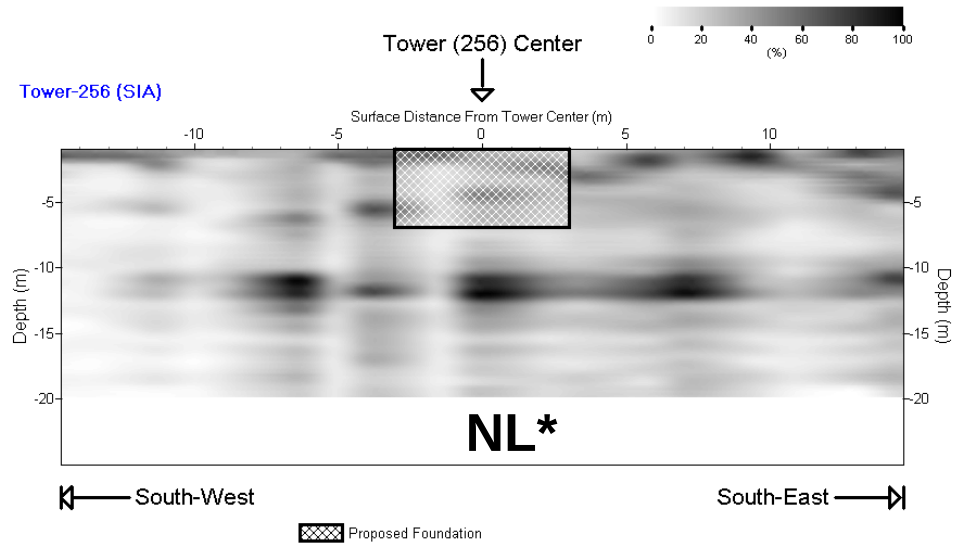

Tower (255) Center
0 20 40 60 80 100
(%)
Tower-255 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-256



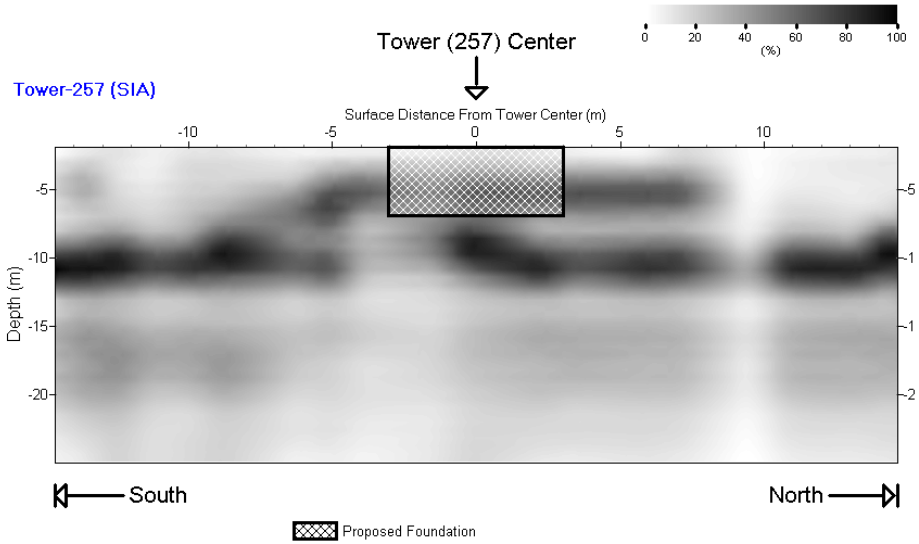


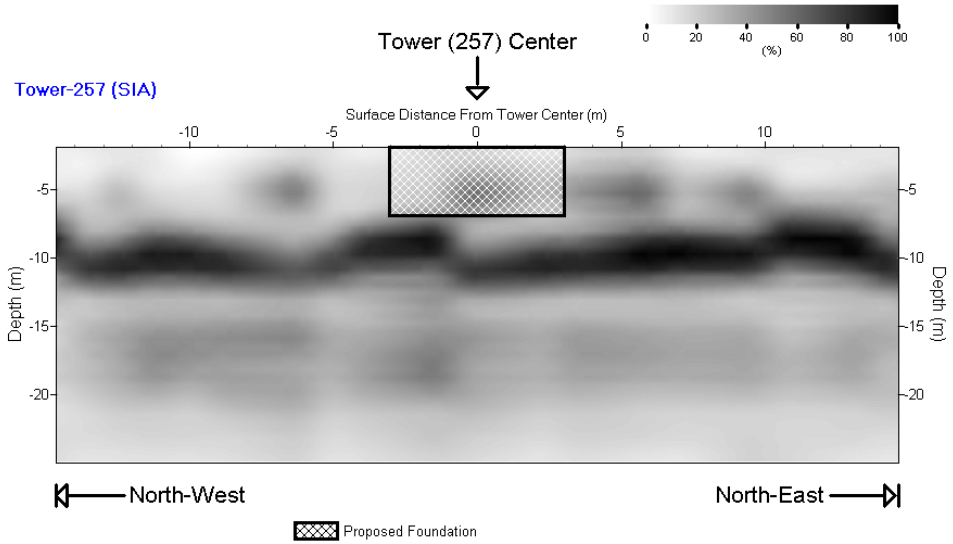


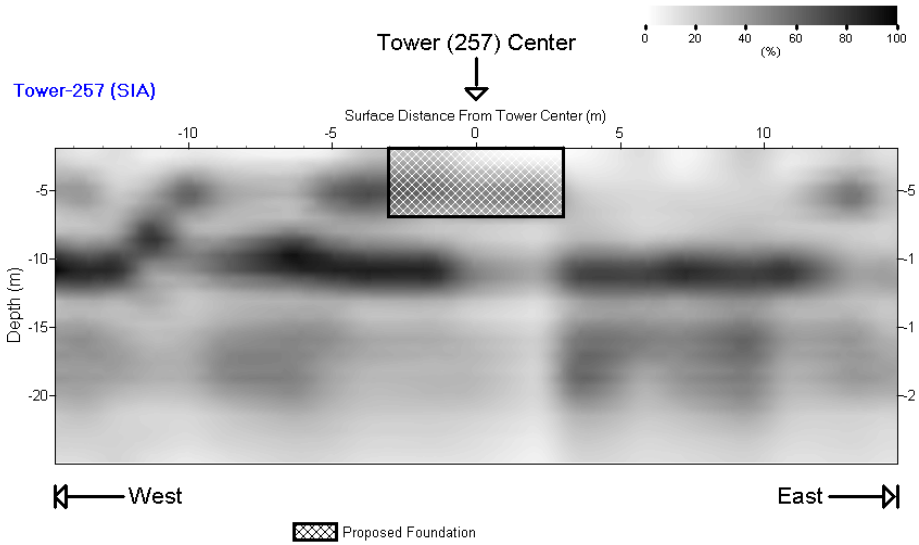


*Not low-enough frequencies to resolve this depth range

T-257

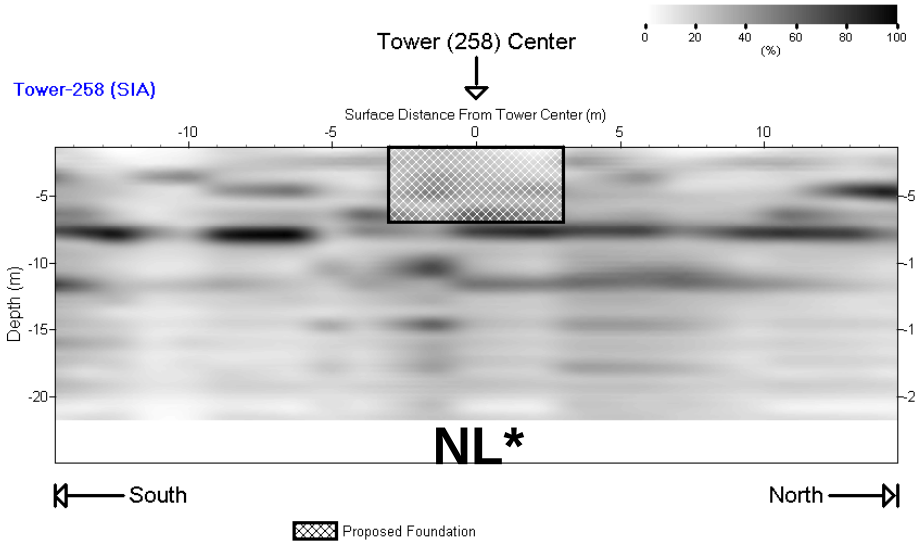

Tower (257) Center
0 20 40 60 80 100
(%)
Tower-257 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
South
North
Proposed Foundation

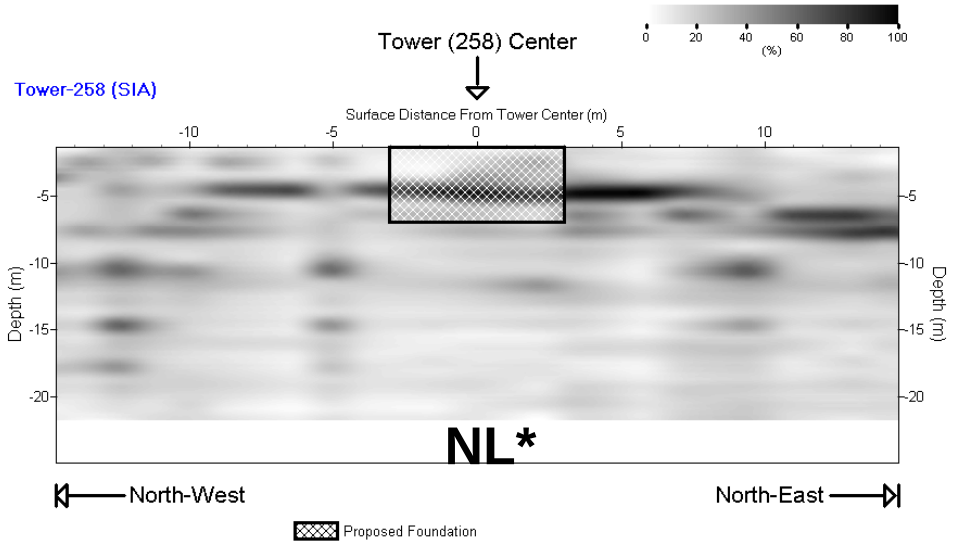

Tower (257) Center
0 20 40 60 80 100
(%)
Tower-257 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

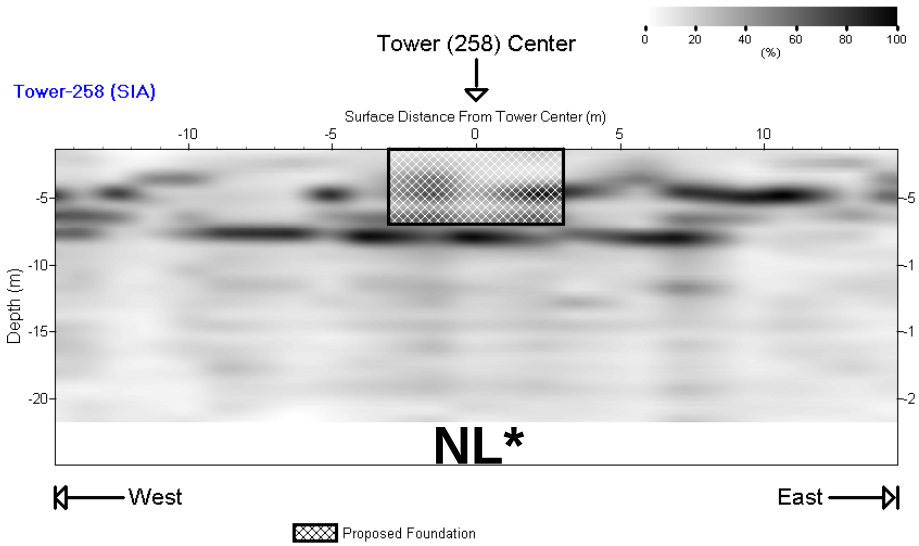

Tower (257) Center
0 20 40 60 80 100
(%)
Tower-257 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
West
East
Proposed Foundation

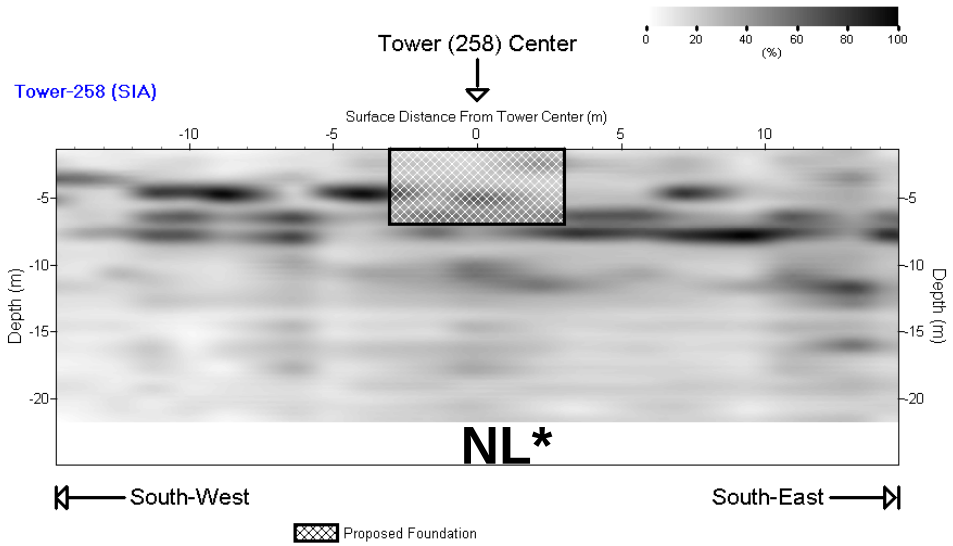

Tower (257) Center
0 20 40 60 80 100
(%)
Tower-257 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-258



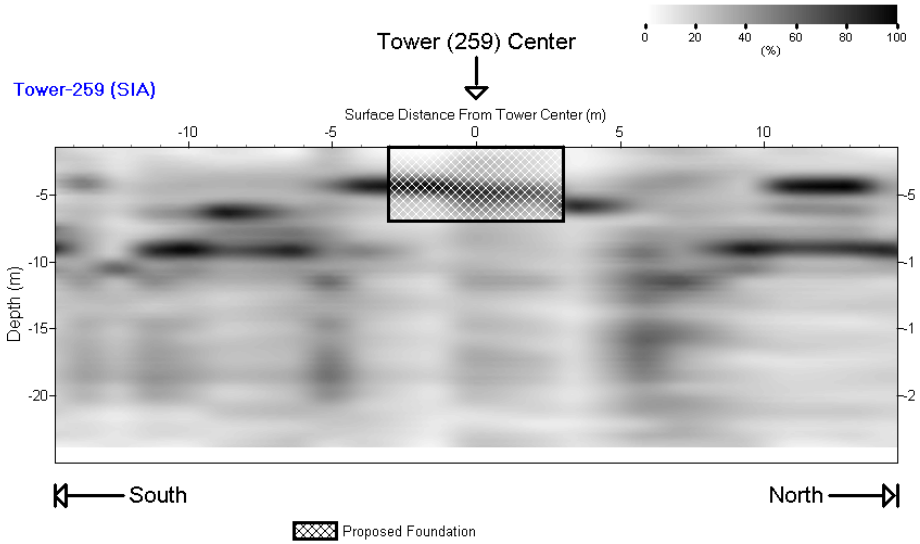


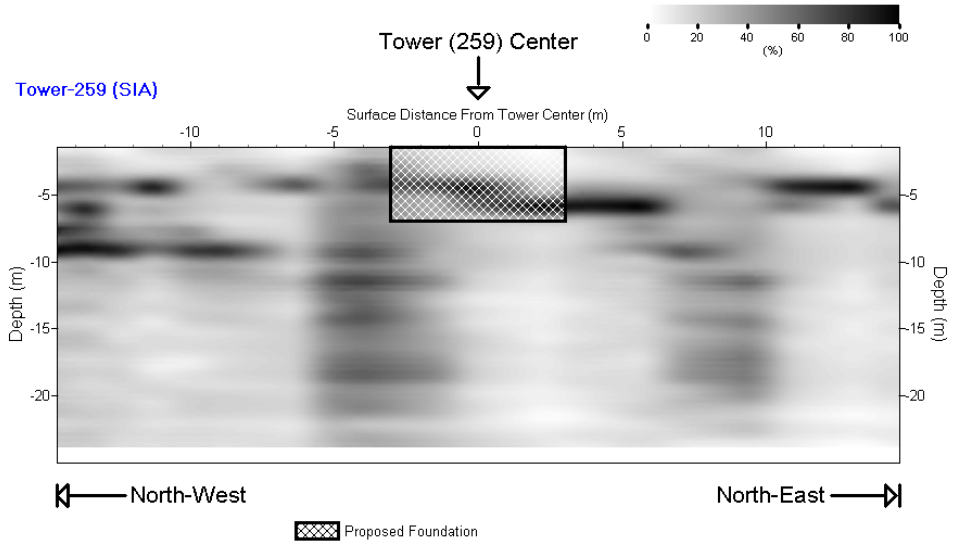


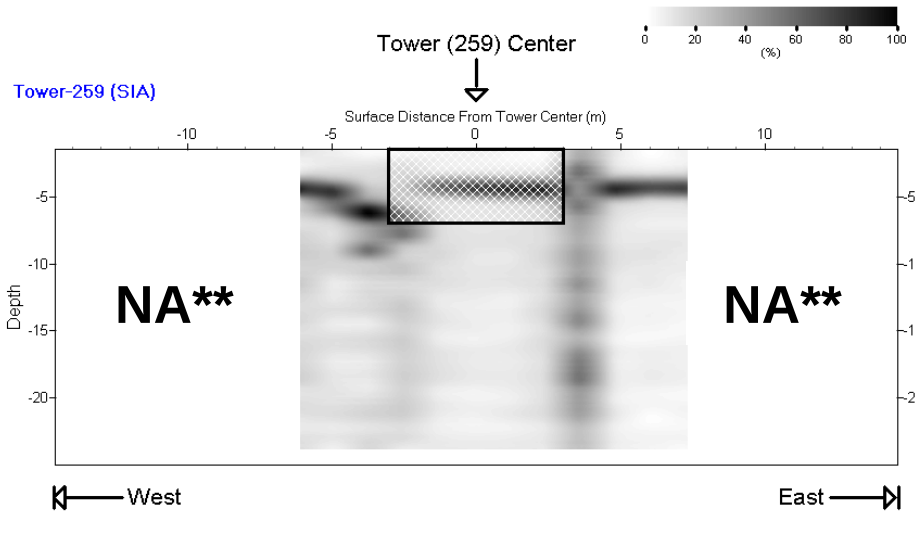


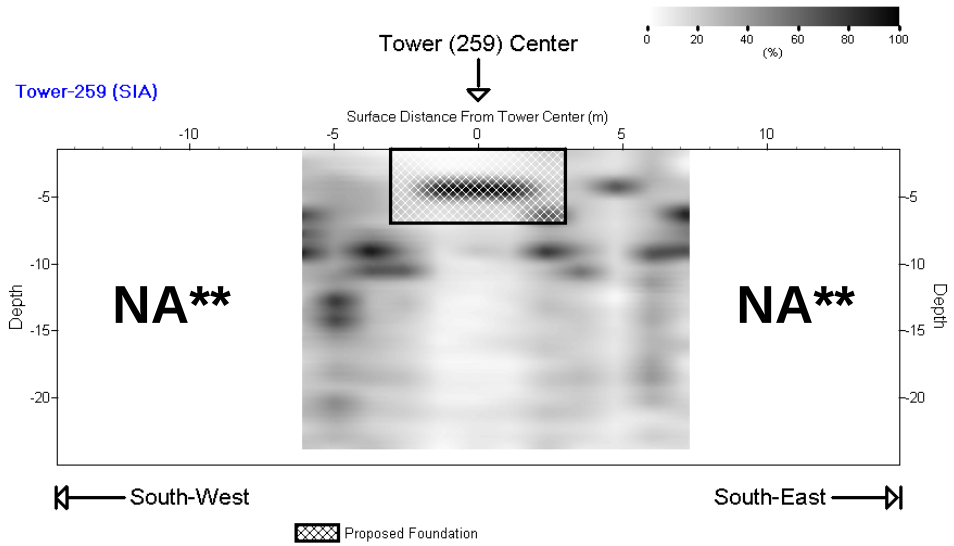
*Not low-enough frequencies to resolve this depth range

T-259



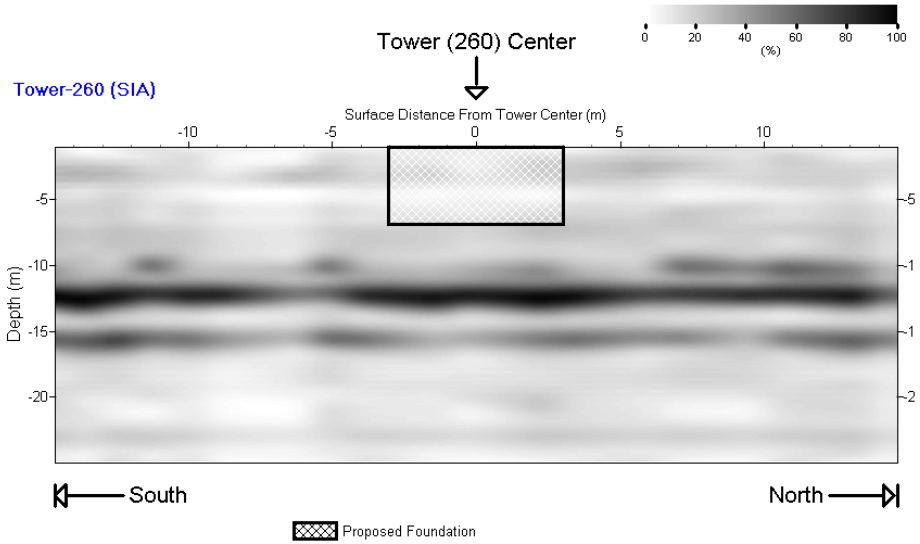


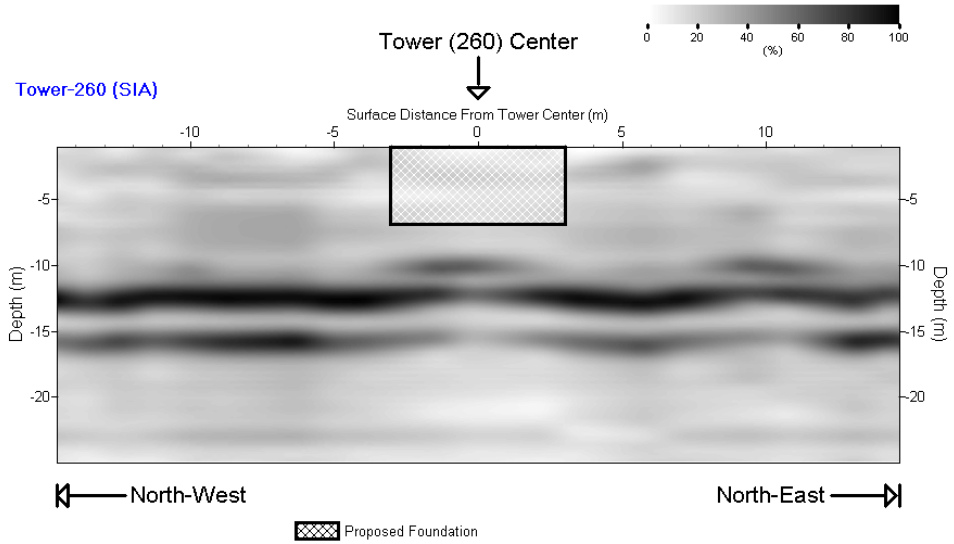


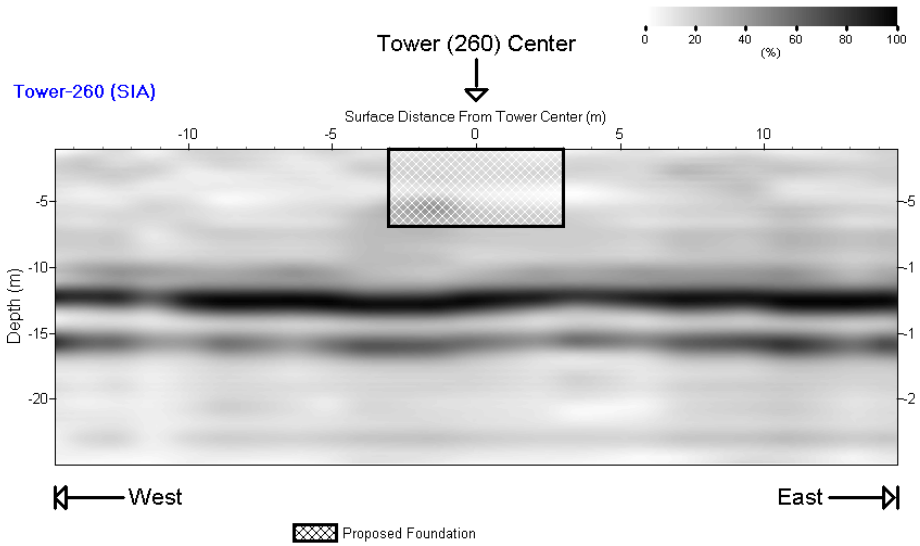


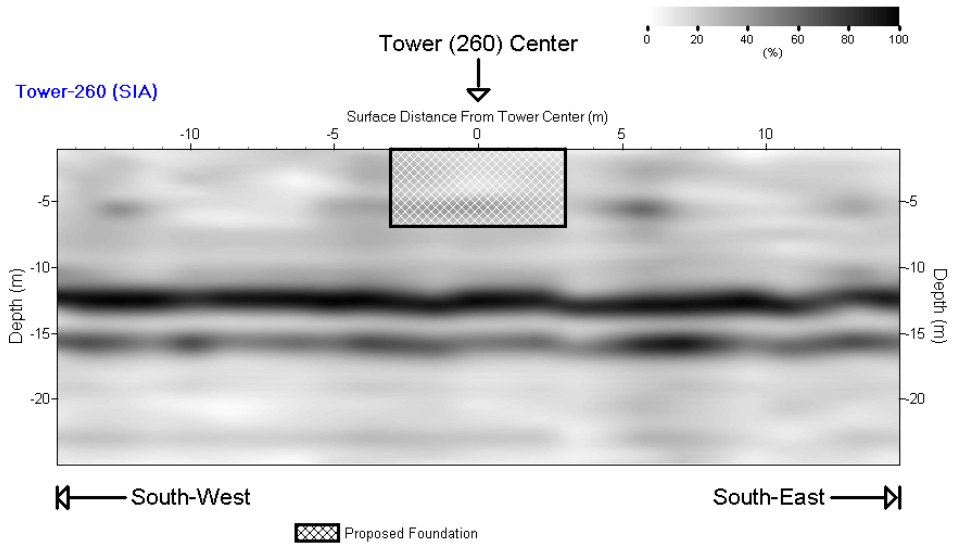
**Data not acquired due to terrain condition

T-260

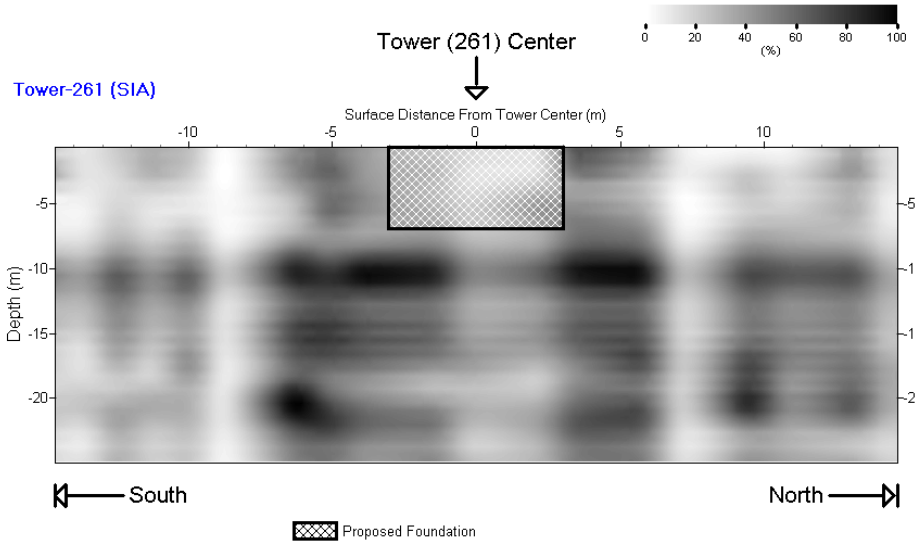

Tower (260) Center
0 20 40 60 80 100
(%)
Tower-260 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
South
North
Proposed Foundation

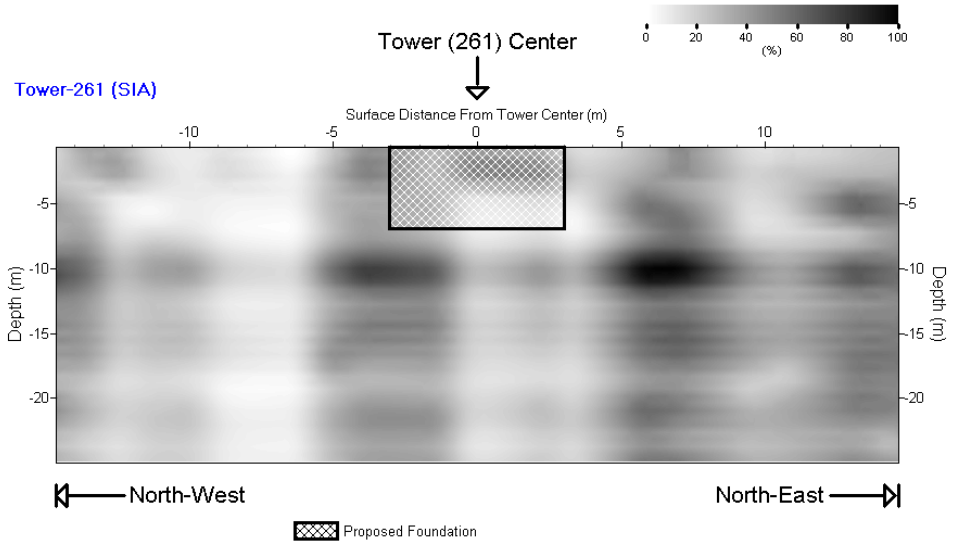

Tower (260) Center
0 20 40 60 80 100
(%)
Tower-260 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

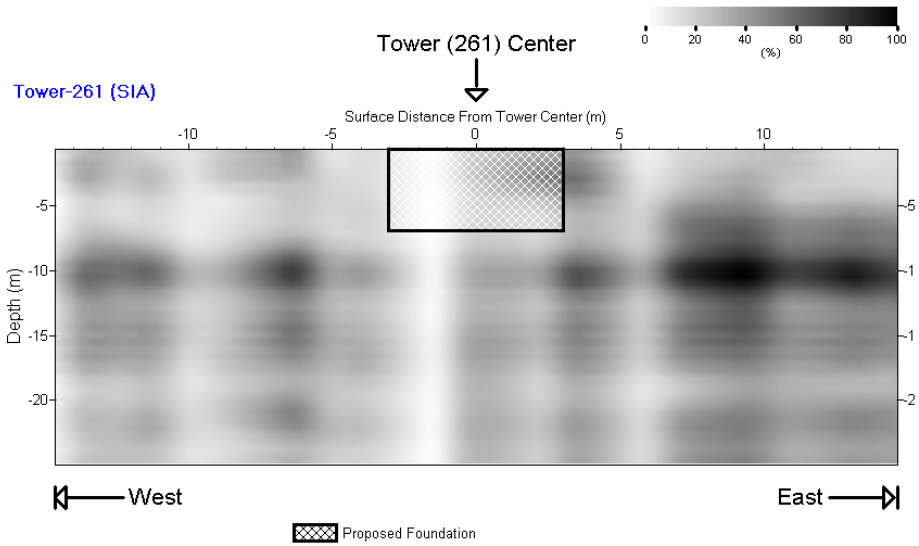

Tower (260) Center
0 20 40 60 80 100
(%)
Tower-260 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
West
East
Proposed Foundation

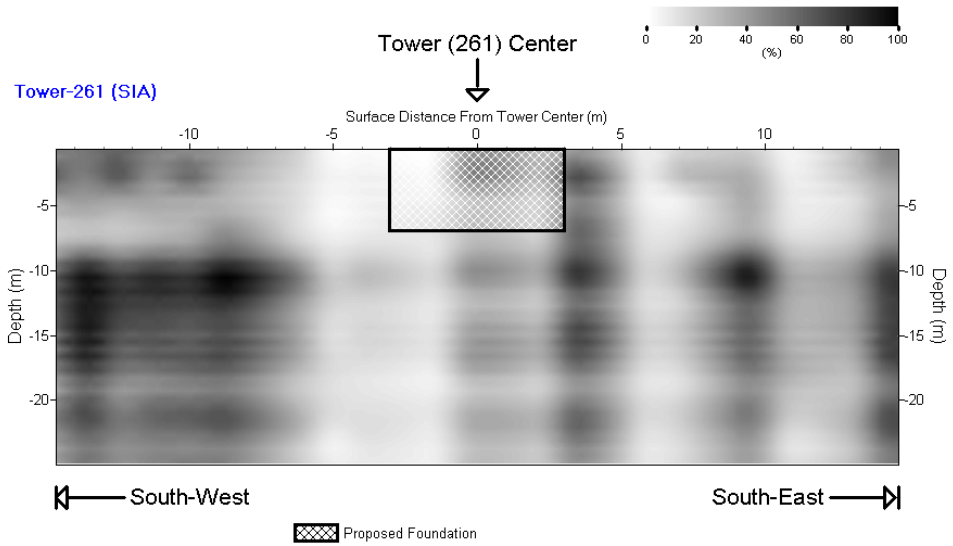

Tower (260) Center
0 20 40 60 80 100
(%)
Tower-260 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-261

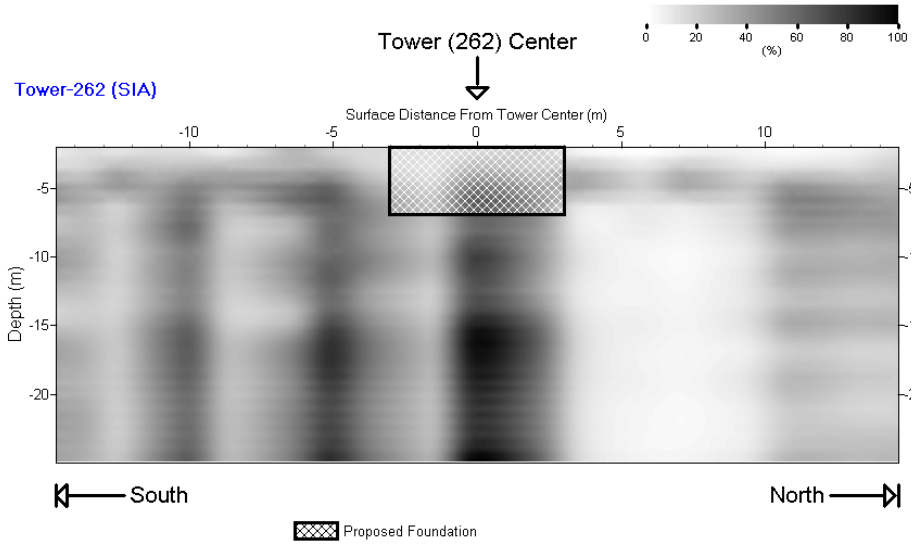

Tower (261) Center
0 20 40 60 80 100
(%)
Tower-261 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
South
North
Proposed Foundation

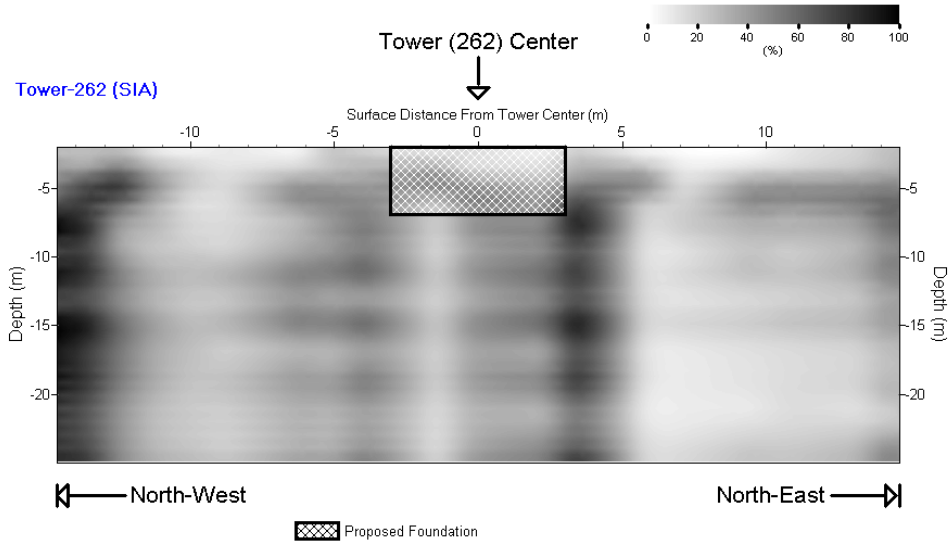

Tower (261) Center
0 20 40 60 80 100
(%)
Tower-261 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
Depth (m)
North-West
North-East
Proposed Foundation

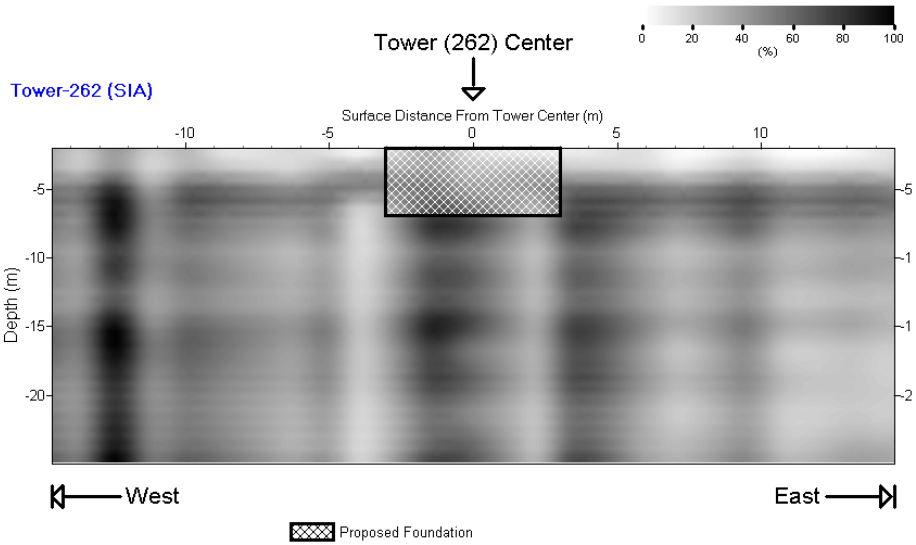

Tower (261) Center
0 20 40 60 80 100
(%)
Tower-261 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
West
East
Proposed Foundation

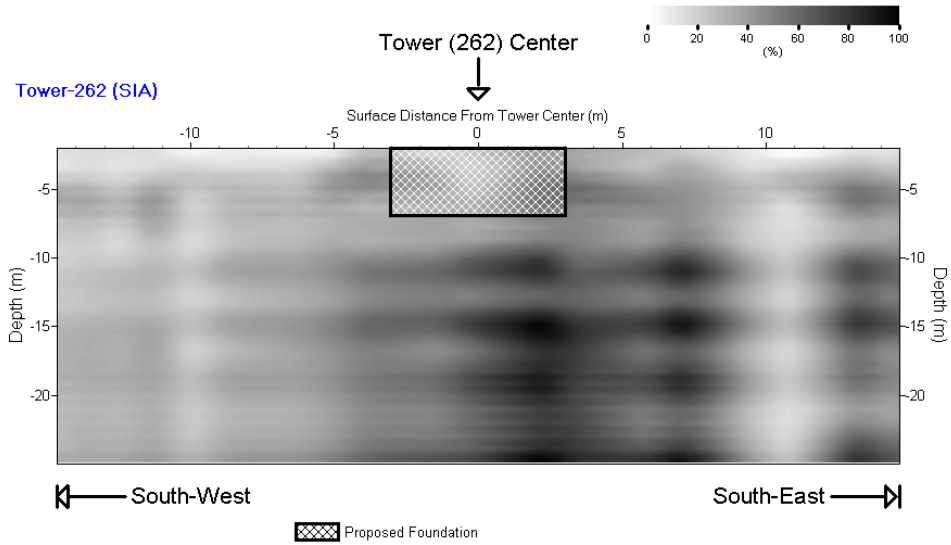

Tower (261) Center
0 20 40 60 80 100
(%)
Tower-261 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth (m)
-5 -10 -15 -20
Depth (m)
South-West
South-East
Proposed Foundation

T-262

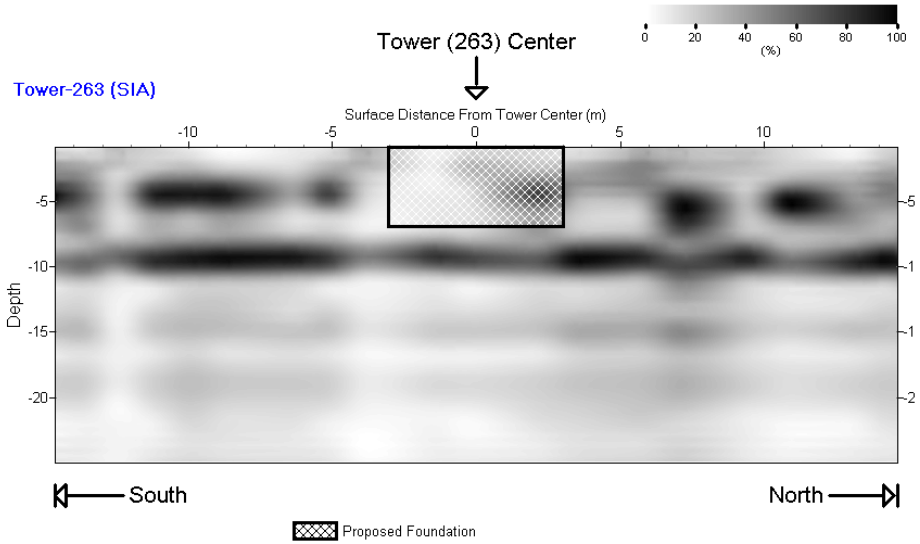

Tower (262) Center
0 20 40 60 80 100
(%)
Tower-262 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
South
North
Proposed Foundation

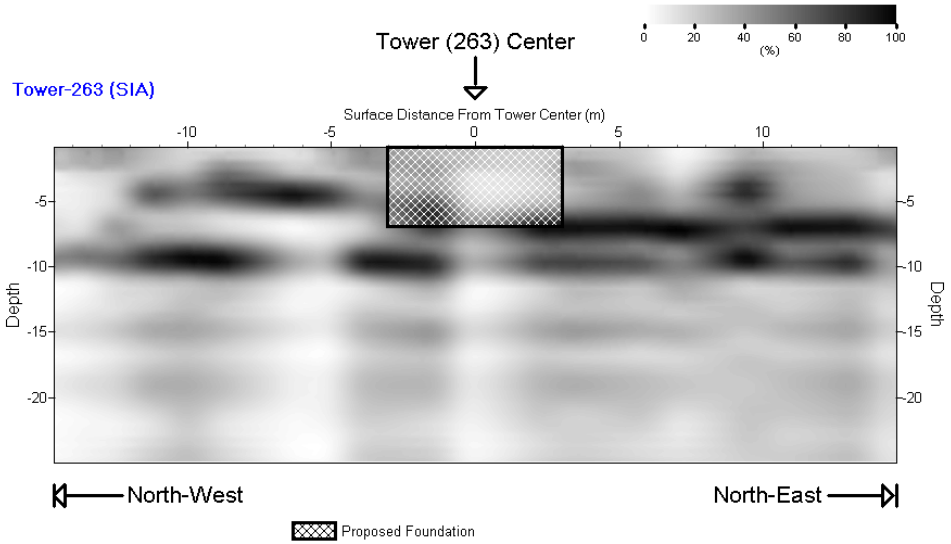

Tower (262) Center
0 20 40 60 80 100
(%)
Tower-262 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
North-West
North-East
Proposed Foundation

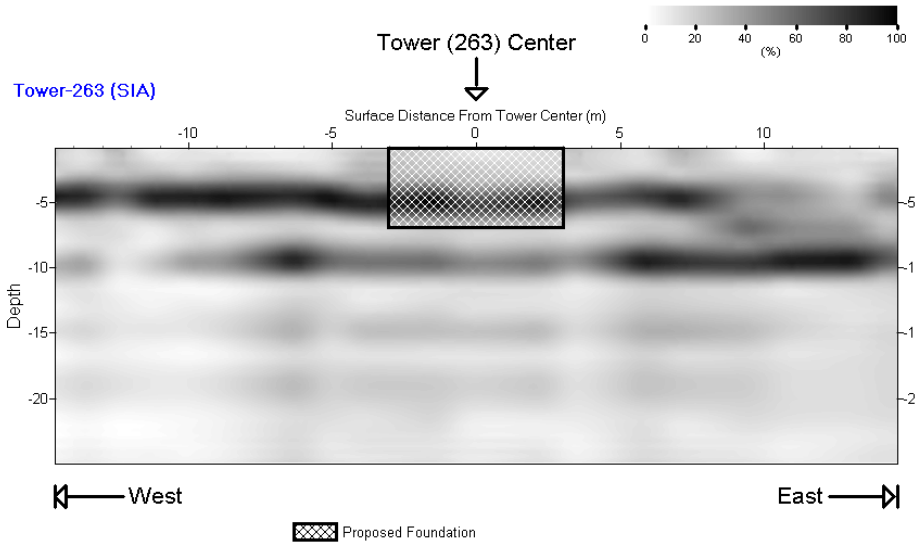

Tower (262) Center
0 20 40 60 80 100
(%)
Tower-262 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
West
East
Proposed Foundation

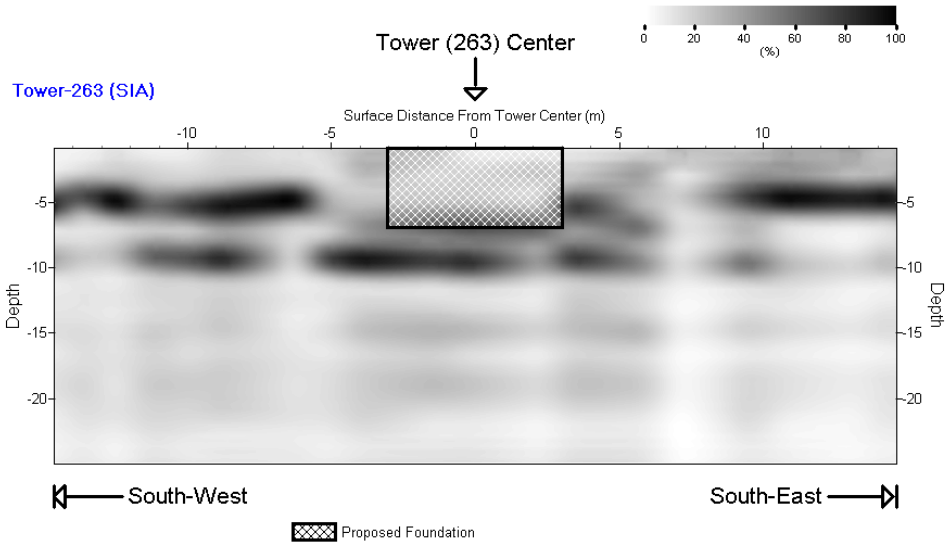

Tower (262) Center
0 20 40 60 80 100
(%)
Tower-262 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
South-West
South-East
Proposed Foundation

T-263

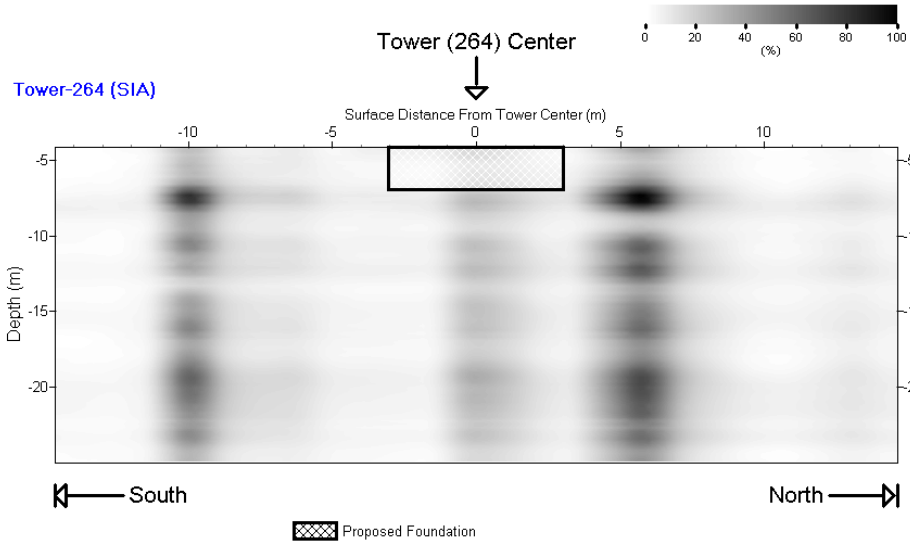

Tower (263) Center
0 20 40 60 80 100
(%)
Tower-263 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation


Tower (263) Center
0 20 40 60 80 100
(%)
Tower-263 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

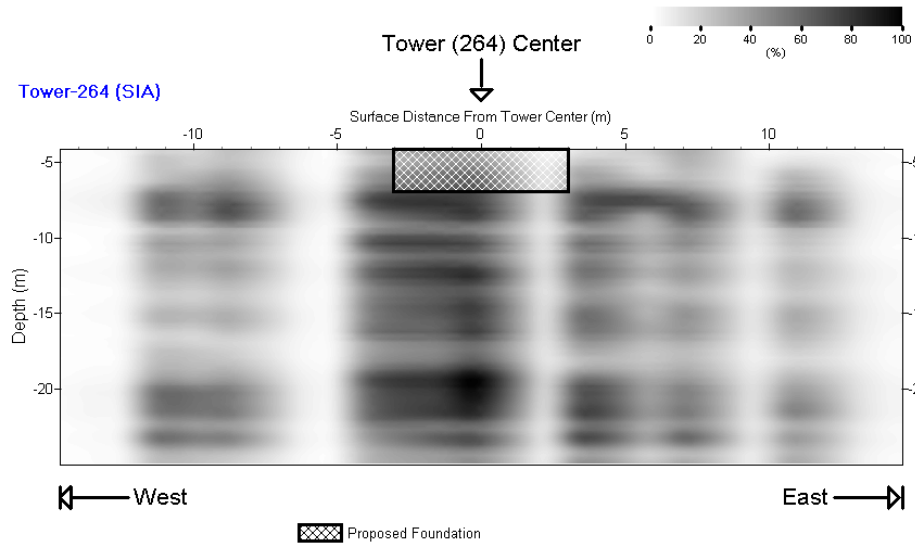

Tower (263) Center
0 20 40 60 80 100
(%)
Tower-263 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

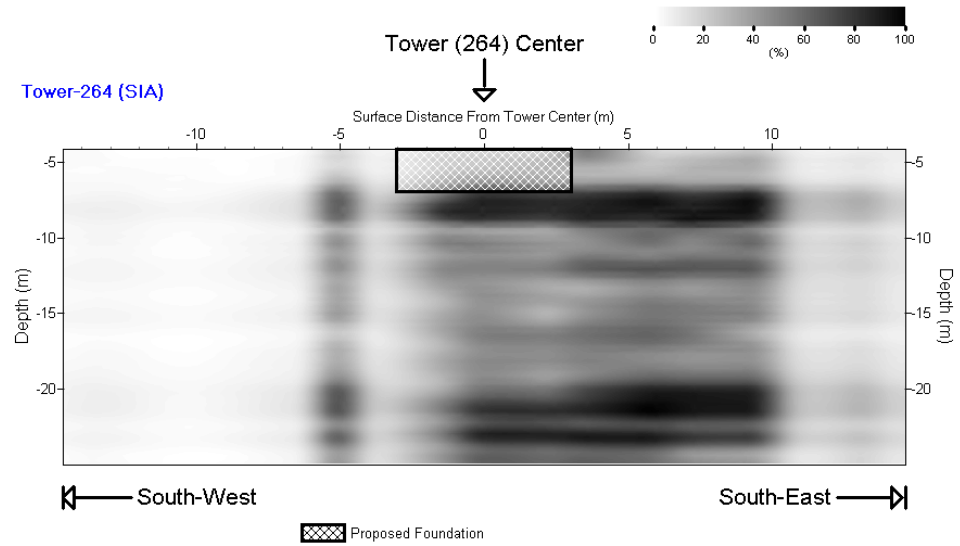

Tower (263) Center
0 20 40 60 80 100
(%)
Tower-263 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-264

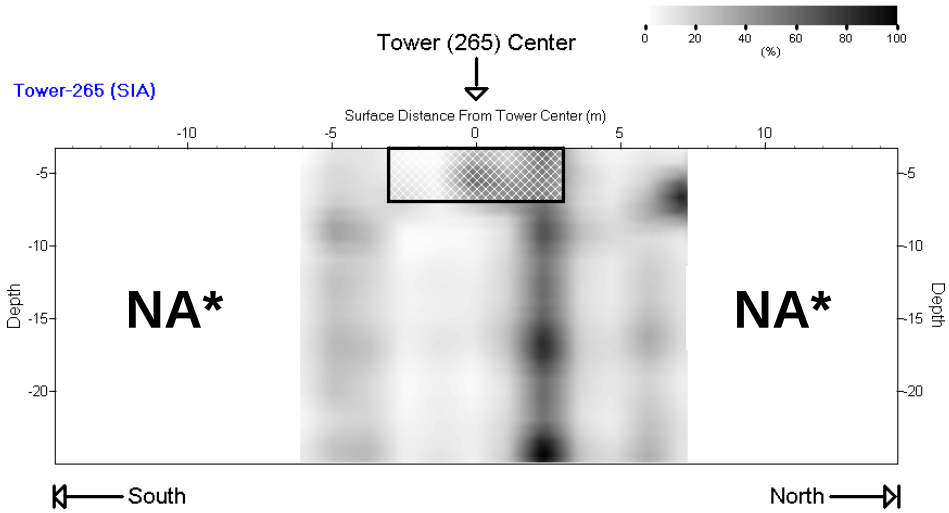

Tower (264) Center
0 20 40 60 80 100
(%)
Tower-264 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
South
North
Proposed Foundation

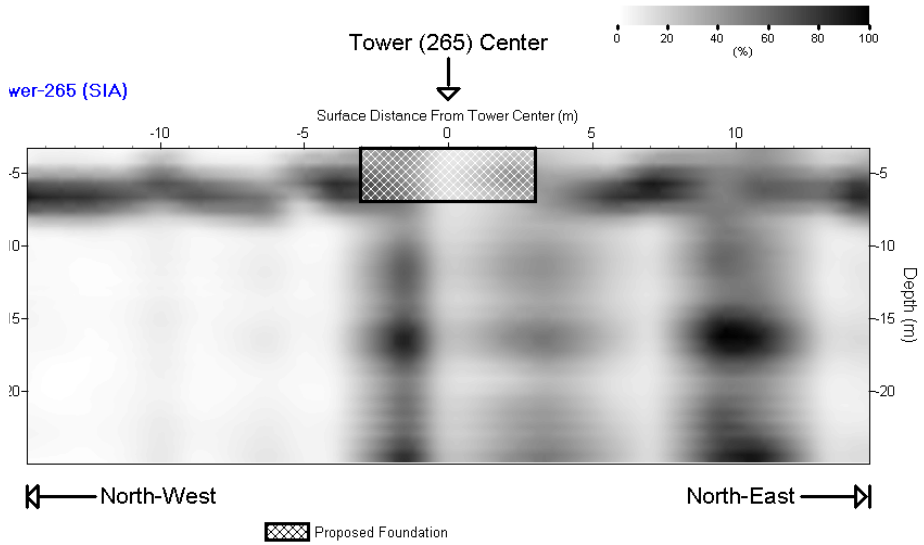

Tower (264) Center
0 20 40 60 80 100
(%)
Tower-264 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
North-West
North-East
Proposed Foundation

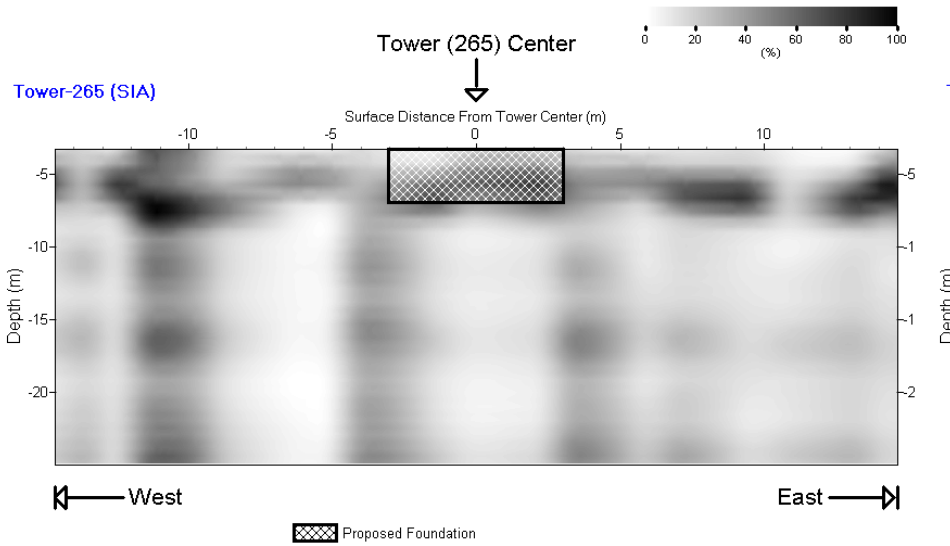

Tower (264) Center
0 20 40 60 80 100
(%)
Tower-264 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
West
East
Proposed Foundation

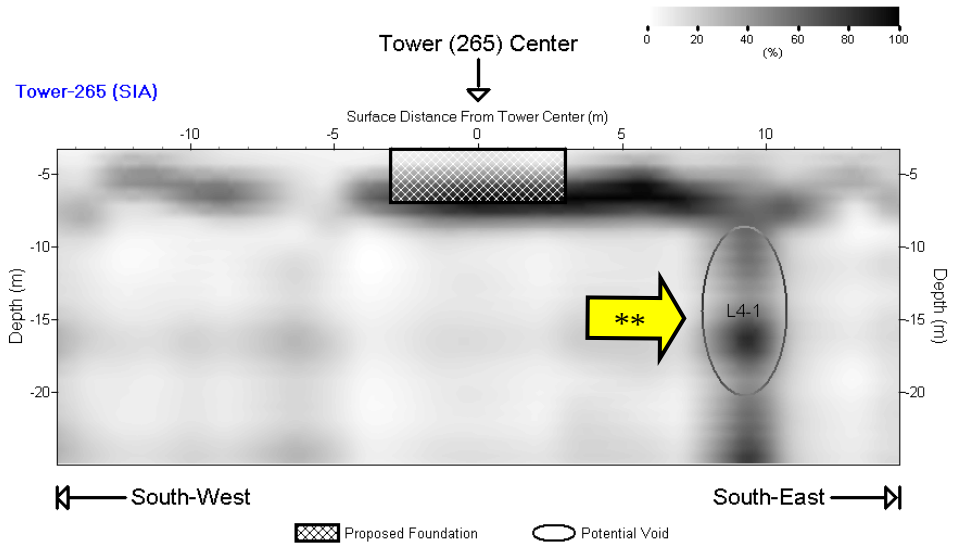

Tower (264) Center
0 20 40 60 80 100
(%)
Tower-264 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
South-West
South-East
Proposed Foundation

T-265



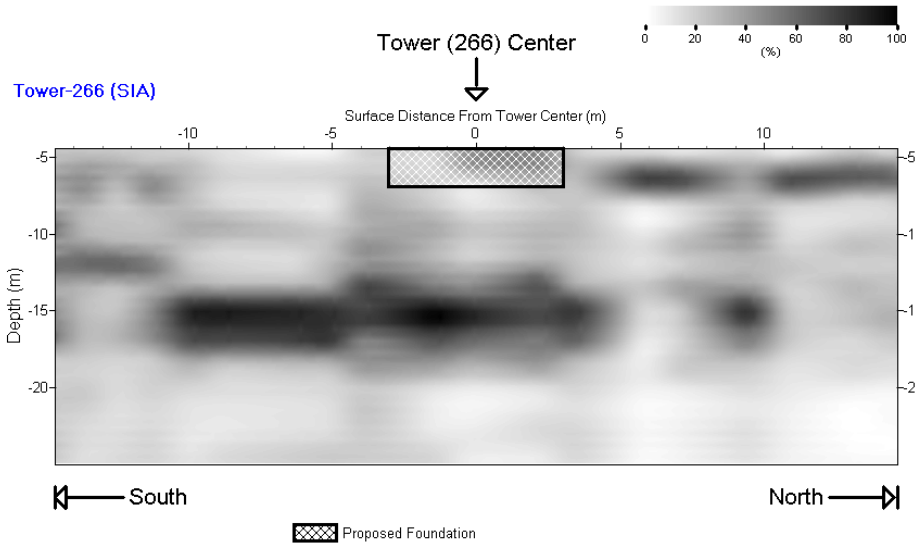


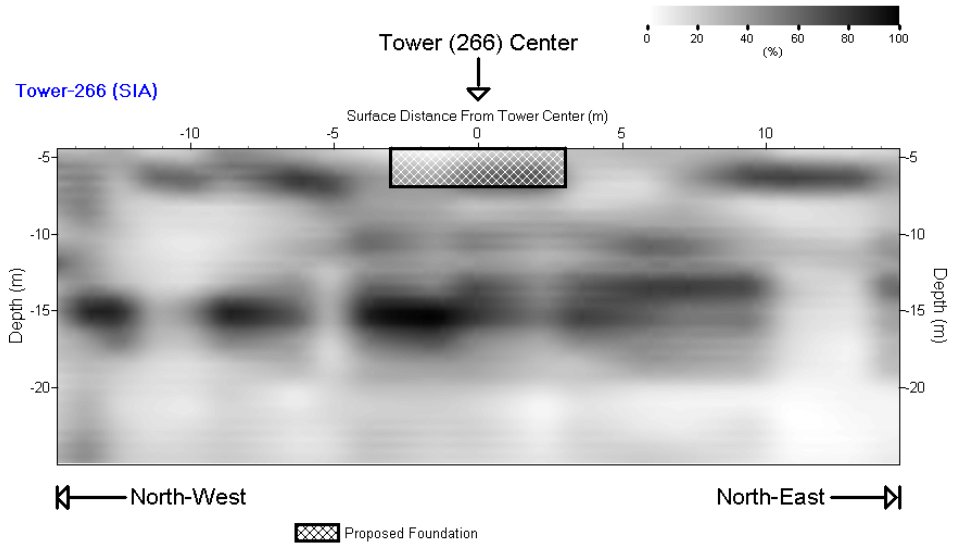


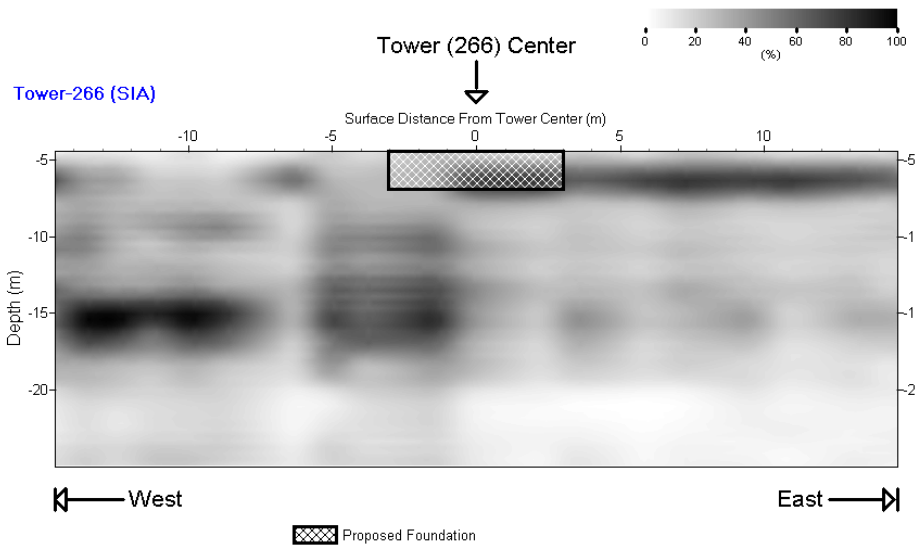


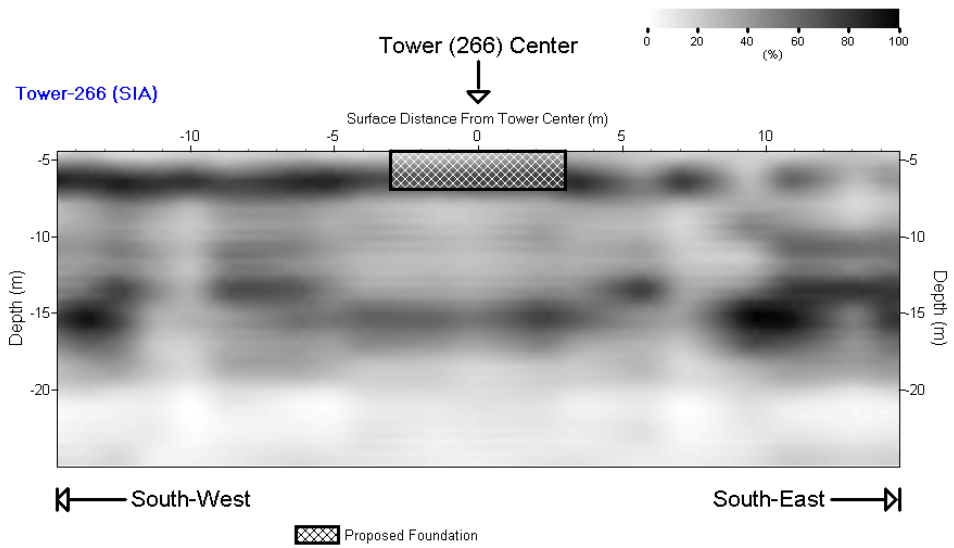
*Data not acquired due to terrain condition **Potential void (see separate text file for coordinates)

T-266

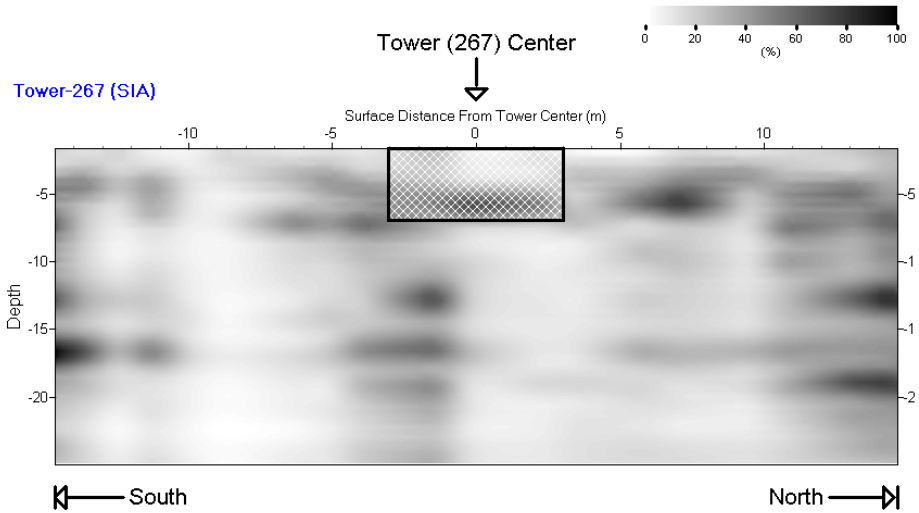

Tower (266) Center
0 20 40 60 80 100
(%)
Tower-266 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
South
North
Proposed Foundation

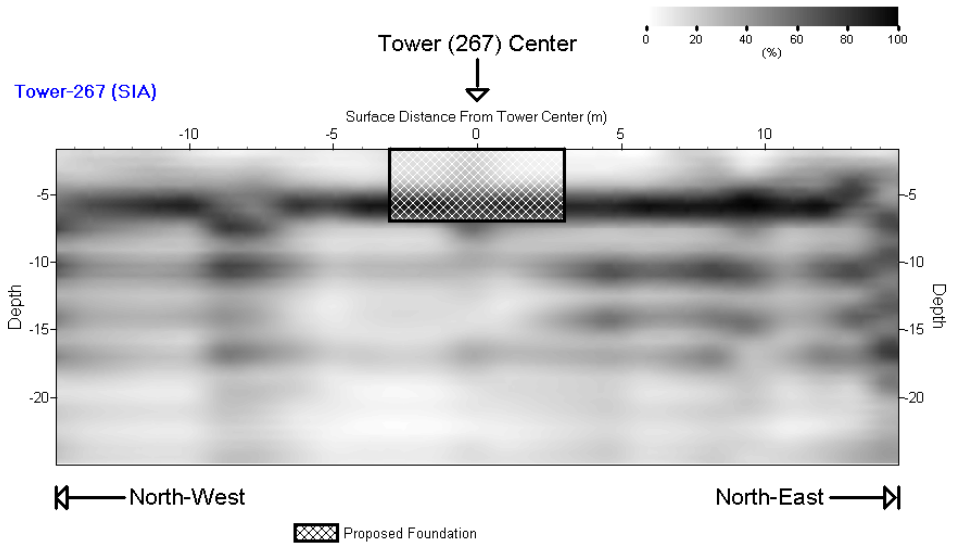

Tower (266) Center
0 20 40 60 80 100
(%)
Tower-266 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
North-West
North-East
Proposed Foundation

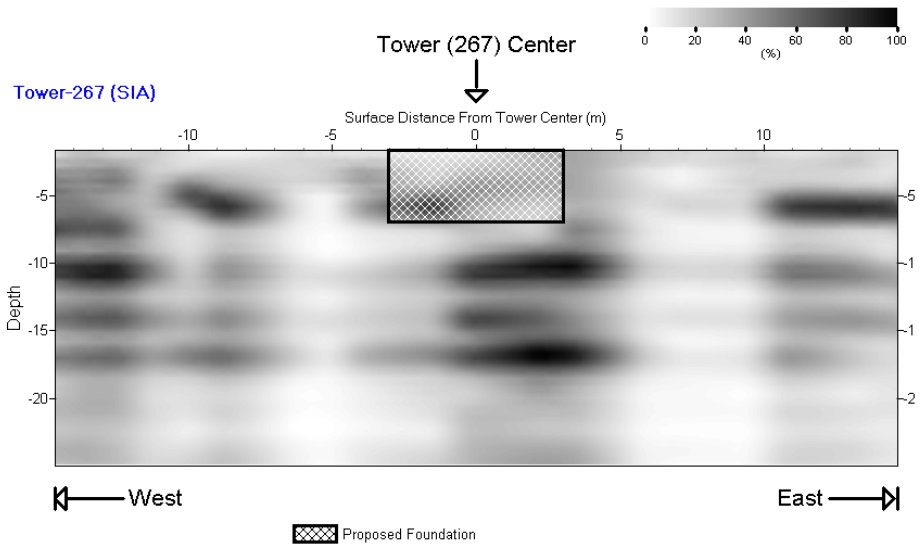

Tower (266) Center
0 20 40 60 80 100
(%)
Tower-266 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
West
East
Proposed Foundation

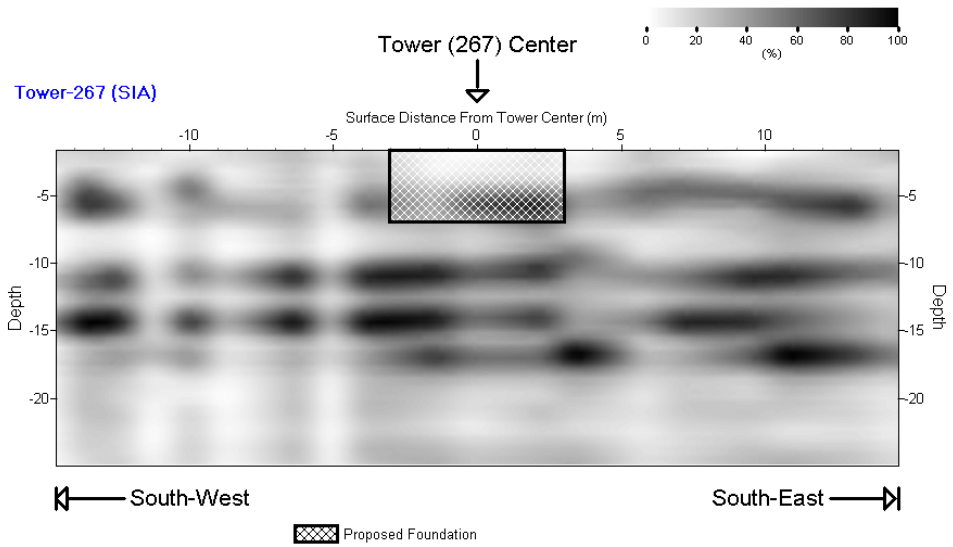

Tower (266) Center
0 20 40 60 80 100
(%)
Tower-266 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
-5 -10 -15 -20
Depth (m)
South-West
South-East
Proposed Foundation

T-267

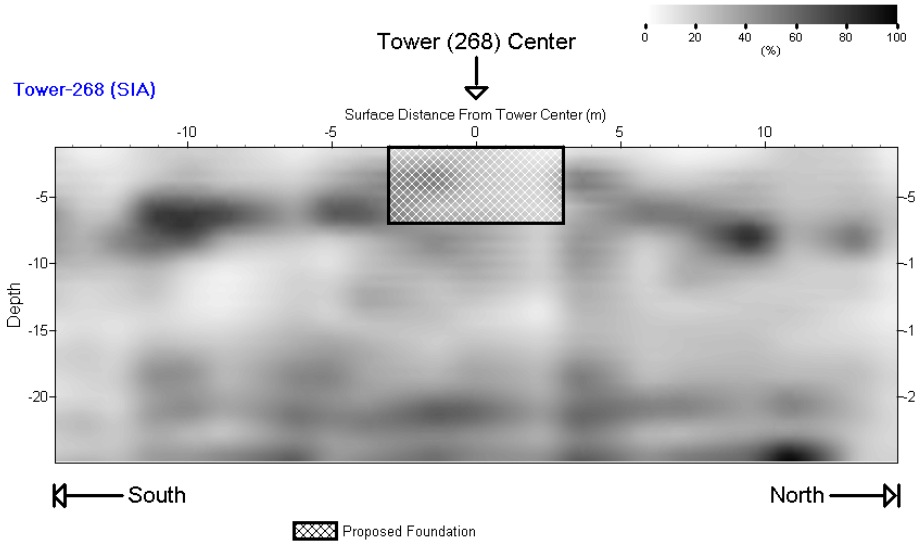

Tower (267) Center
0 20 40 60 80 100
(%)
Tower-267 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North

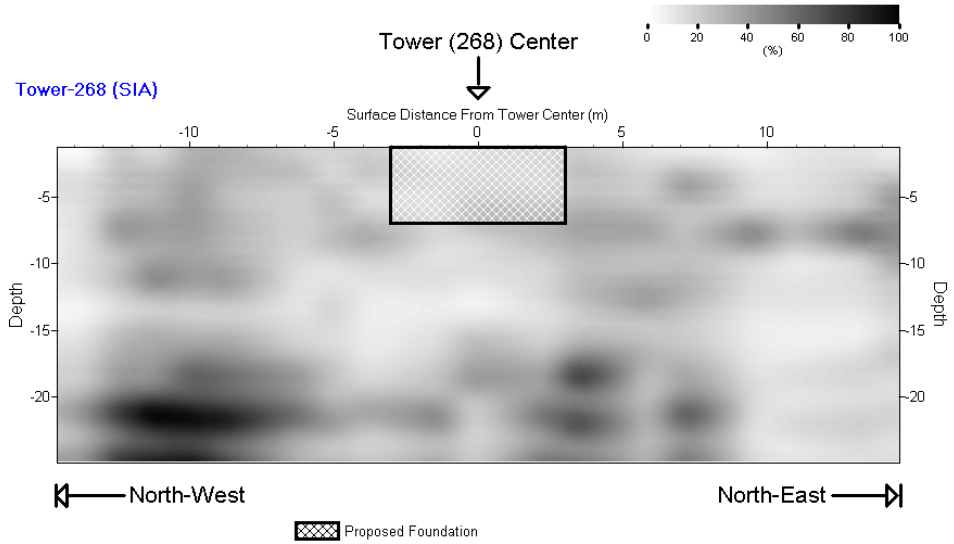

Tower (267) Center
0 20 40 60 80 100
(%)
Tower-267 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

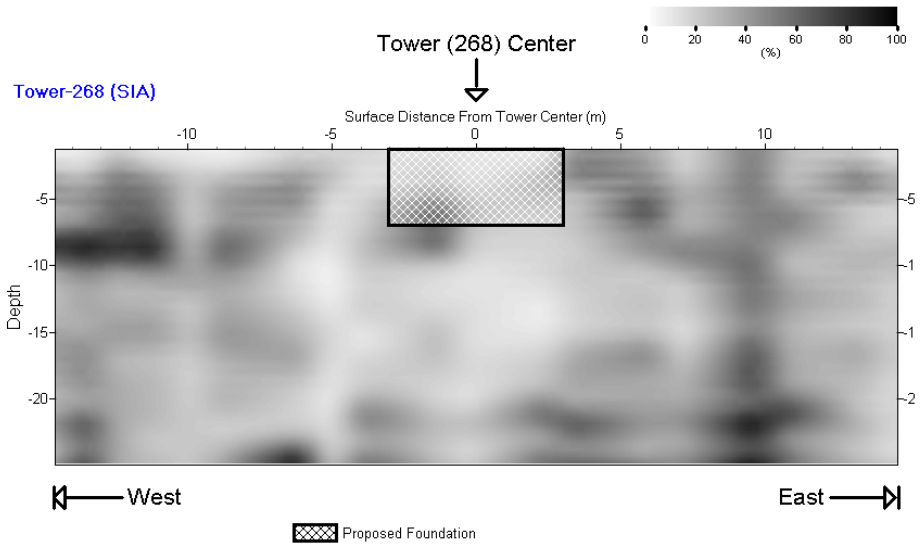

Tower (267) Center
0 20 40 60 80 100
(%)
Tower-267 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

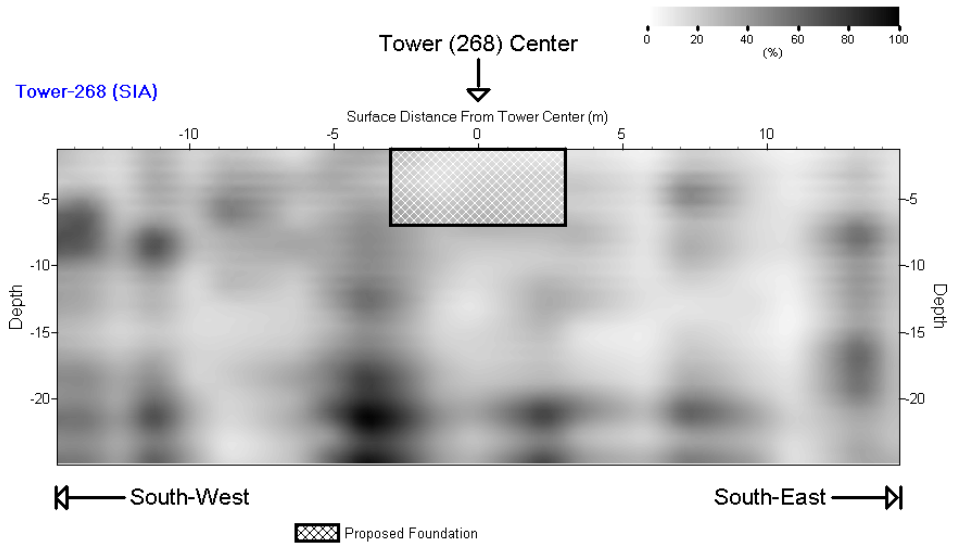

Tower (267) Center
0 20 40 60 80 100
(%)
Tower-267 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-268

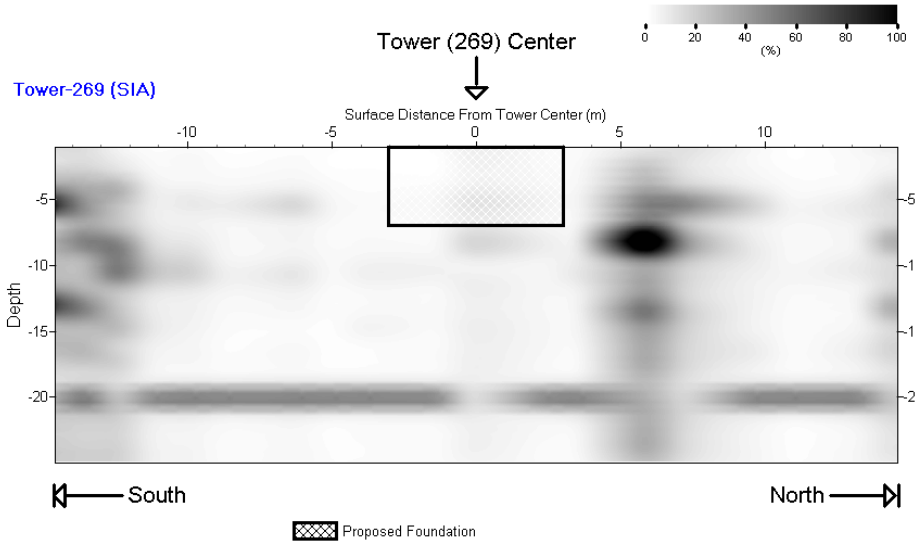

Tower (268) Center
0 20 40 60 80 100
(%)
Tower-268 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

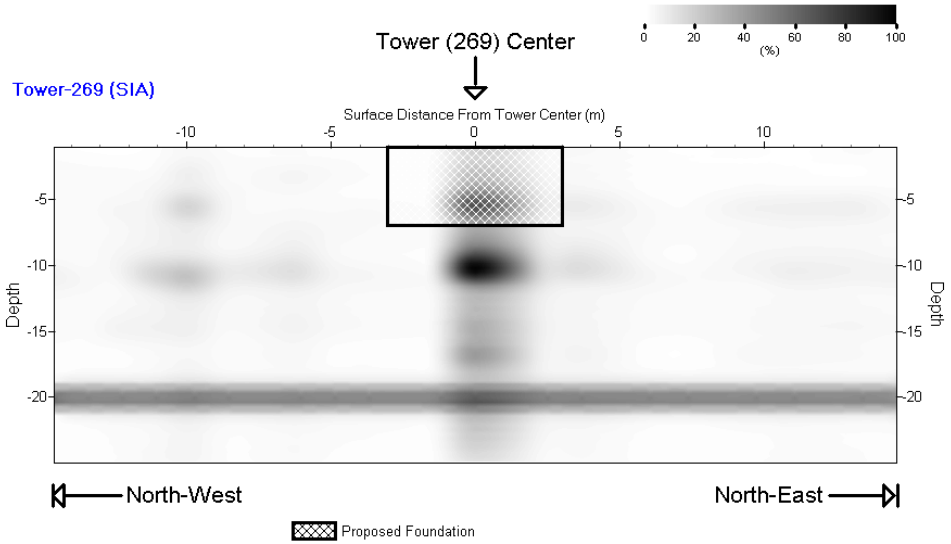

Tower (268) Center
0 20 40 60 80 100
(%)
Tower-268 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

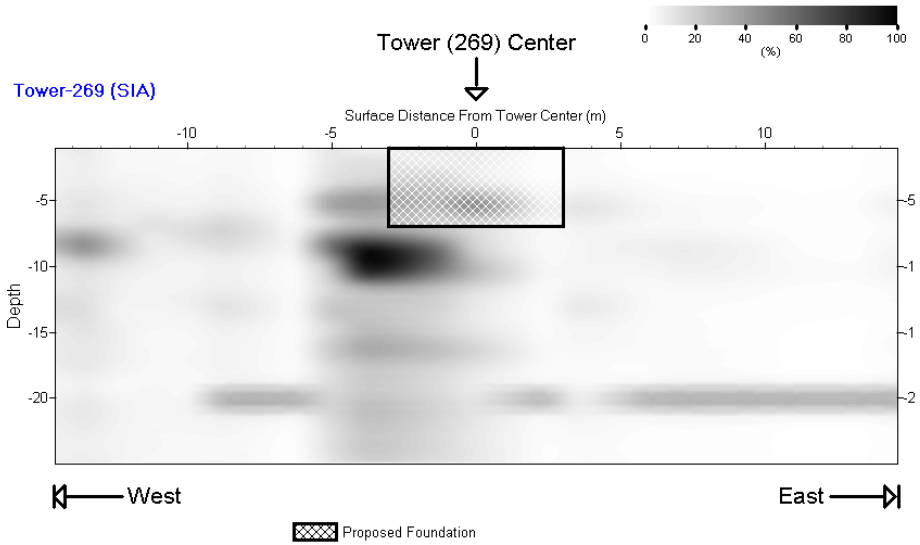

Tower (268) Center
0 20 40 60 80 100
(%)
Tower-268 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

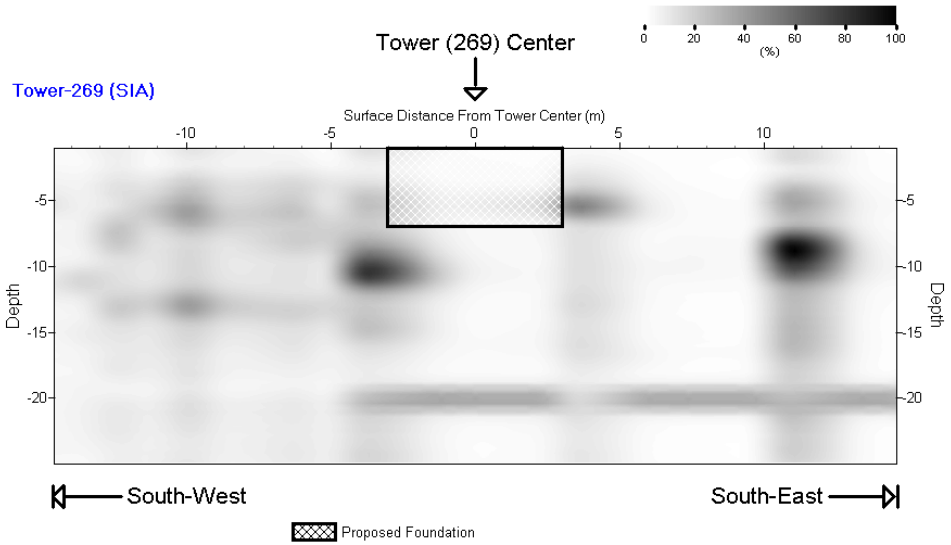

Tower (268) Center
0 20 40 60 80 100
(%)
Tower-268 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-269

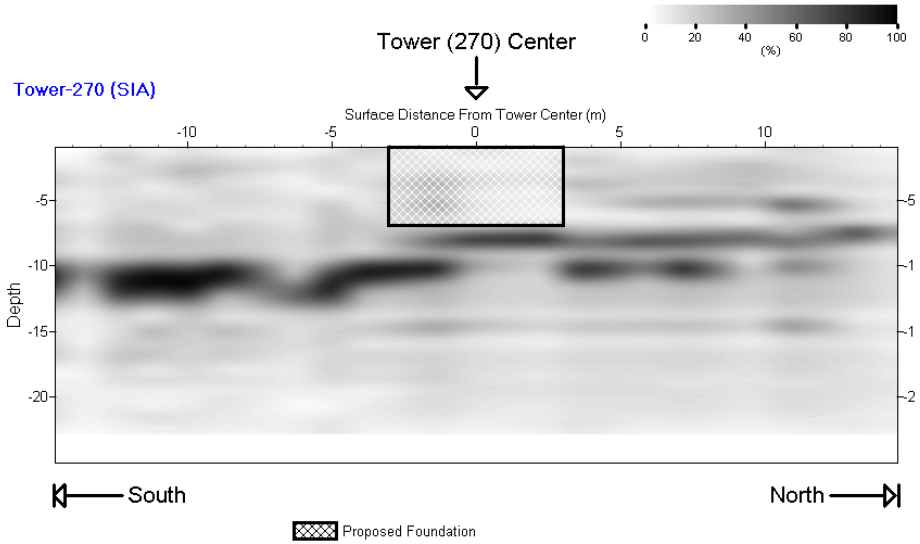

Tower (269) Center
0 20 40 60 80 100
(%)
Tower-269 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

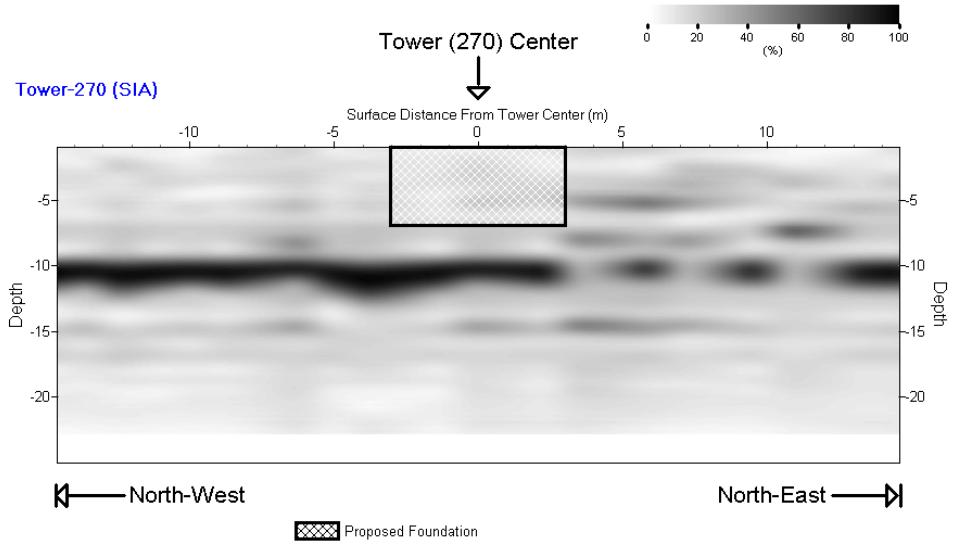

Tower (269) Center
0 20 40 60 80 100
(%)
Tower-269 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

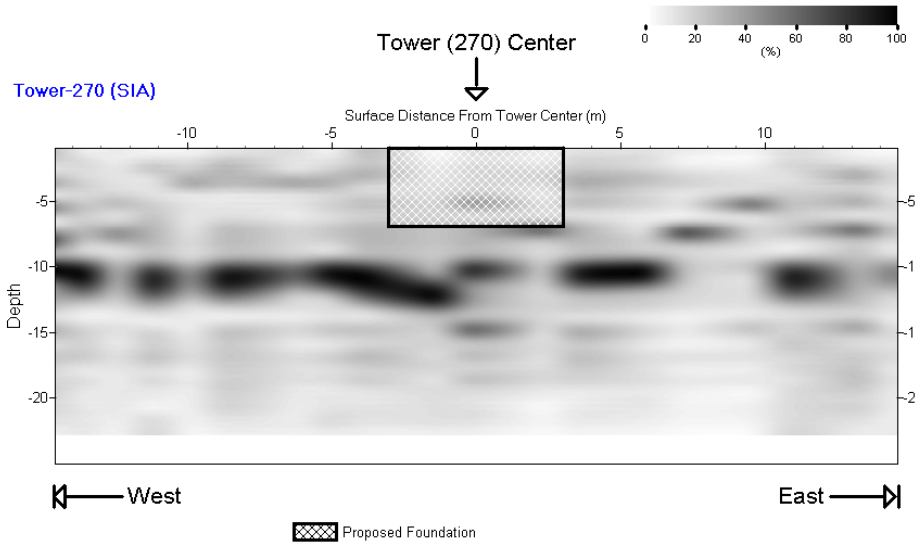

Tower (269) Center
0 20 40 60 80 100
(%)
Tower-269 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

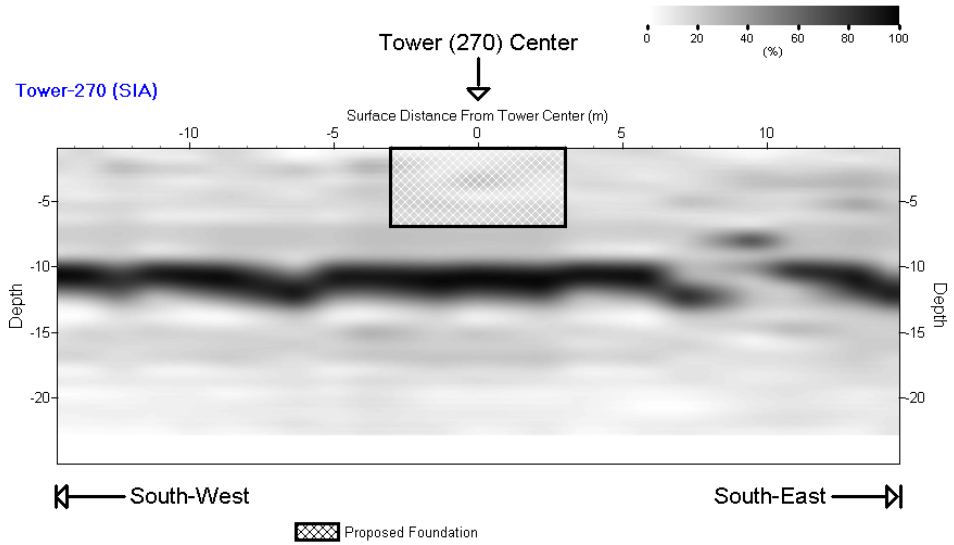

Tower (269) Center
0 20 40 60 80 100
(%)
Tower-269 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-270

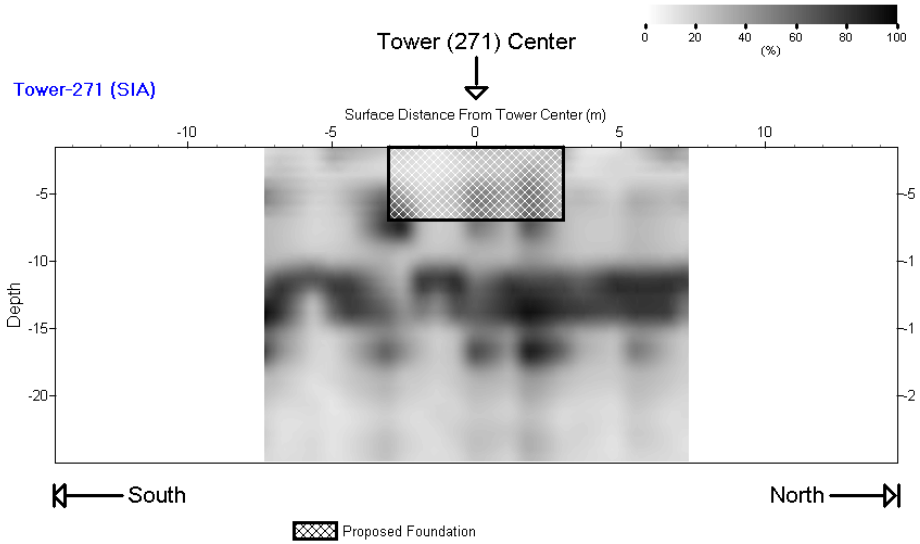

Tower (270) Center
0 20 40 60 80 100
(%)
Tower-270 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

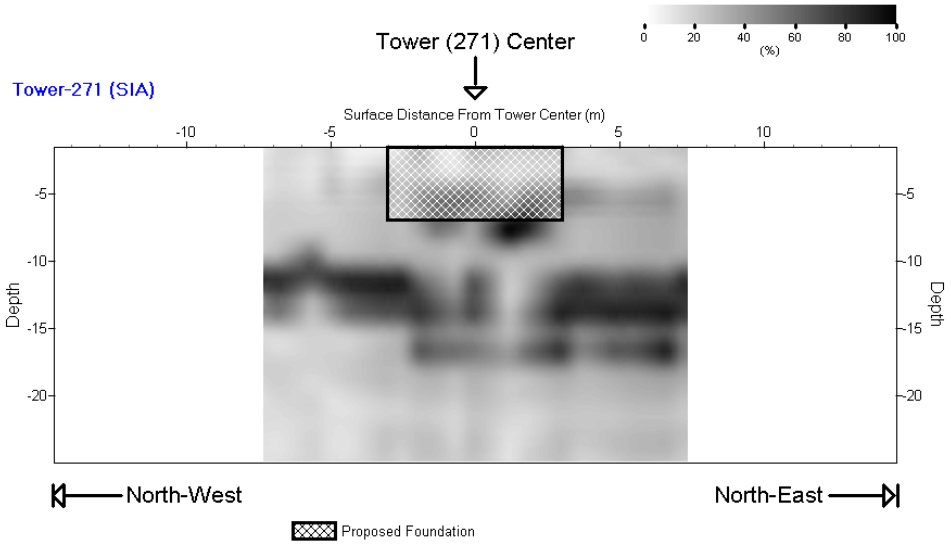

Tower (270) Center
0 20 40 60 80 100
(%)
Tower-270 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

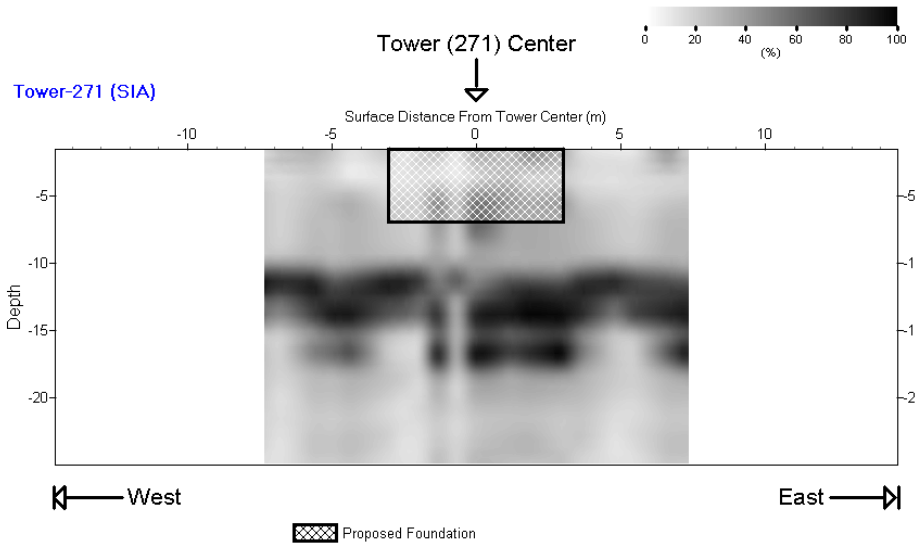

Tower (270) Center
0 20 40 60 80 100
(%)
Tower-270 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

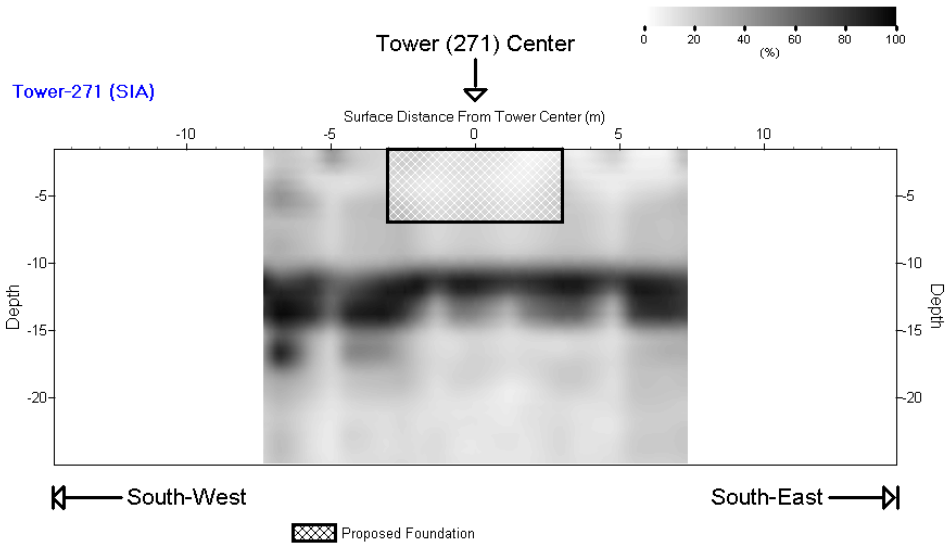

Tower (270) Center
0 20 40 60 80 100
(%)
Tower-270 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-271**



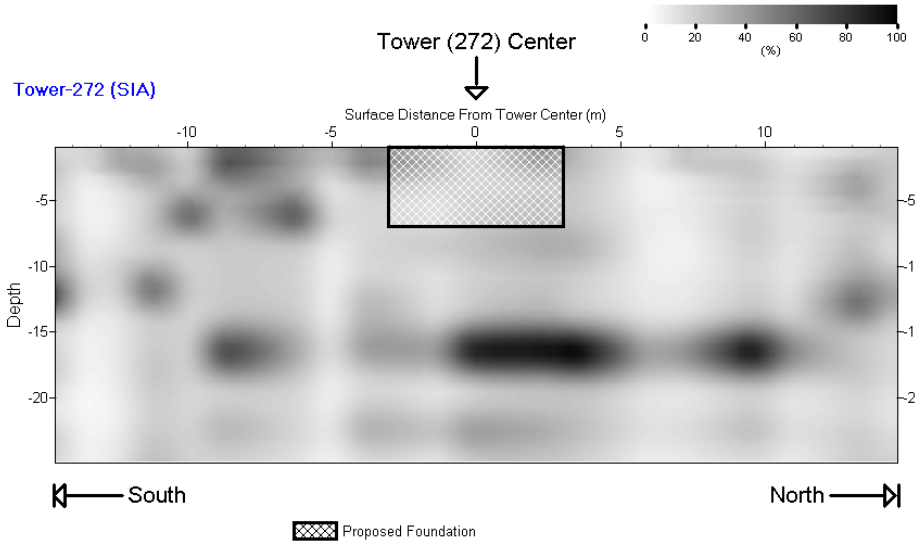


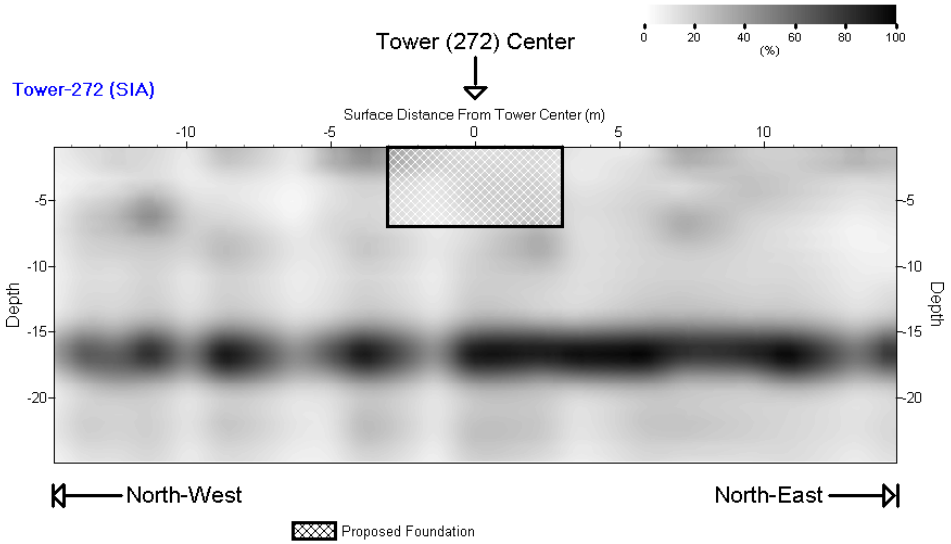


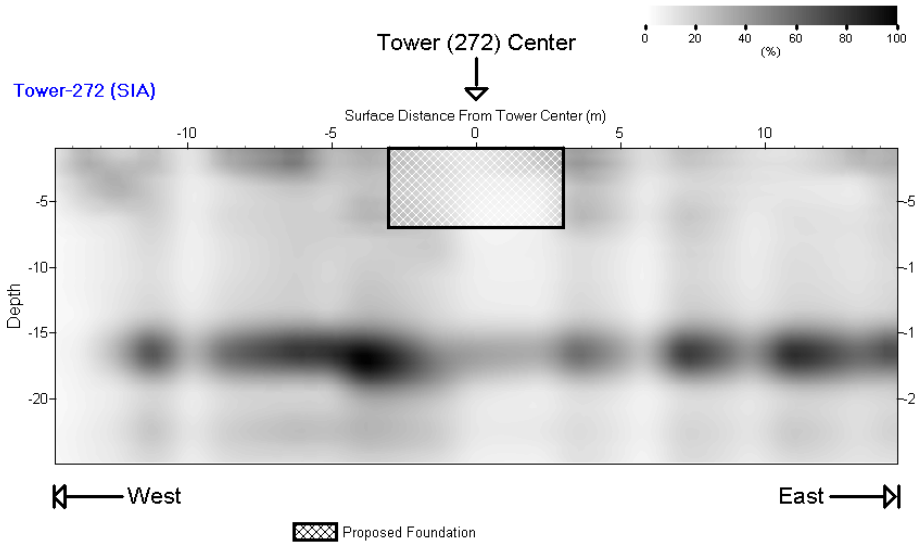


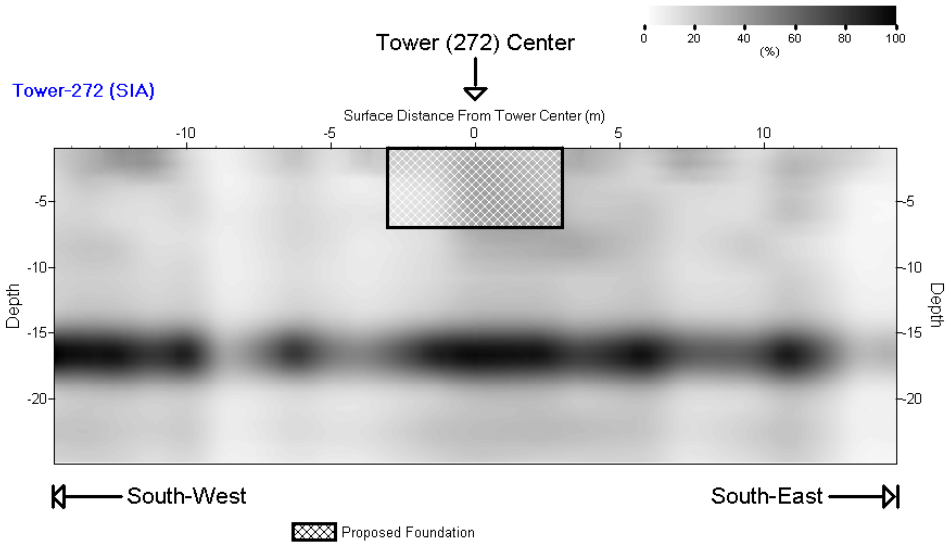
**A shorter receiver spacing (2 ft) was used for all four (4) lines due to terrain condition.

T-272

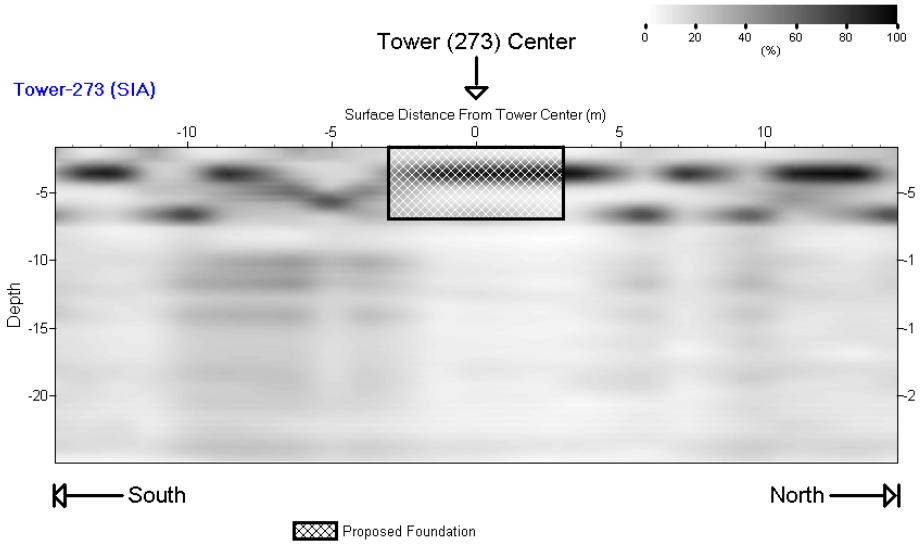

Tower (272) Center
0 20 40 60 80 100
(%)
Tower-272 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

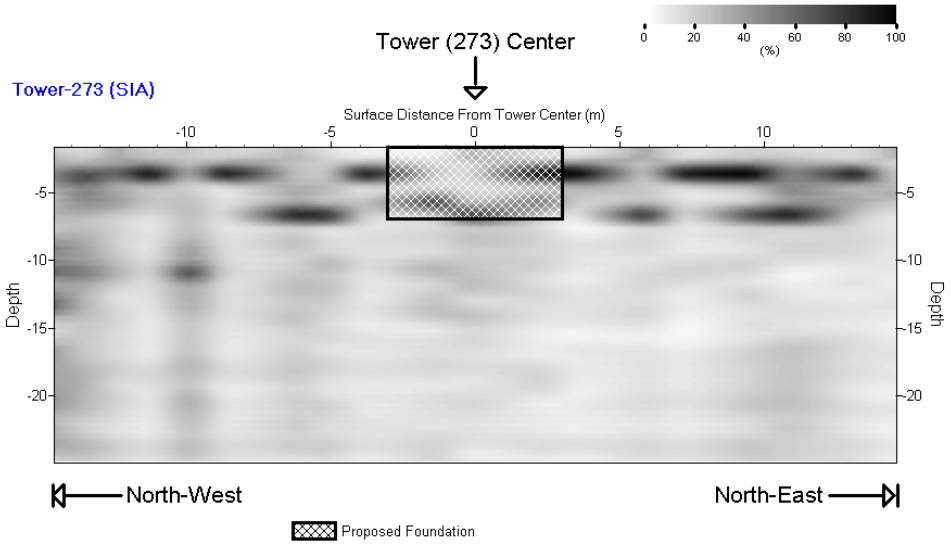

Tower (272) Center
0 20 40 60 80 100
(%)
Tower-272 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

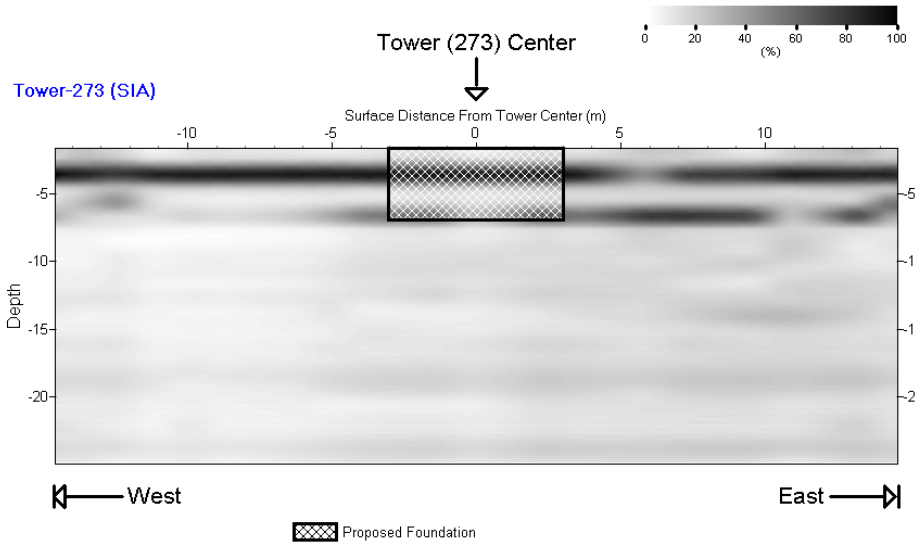

Tower (272) Center
0 20 40 60 80 100
(%)
Tower-272 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

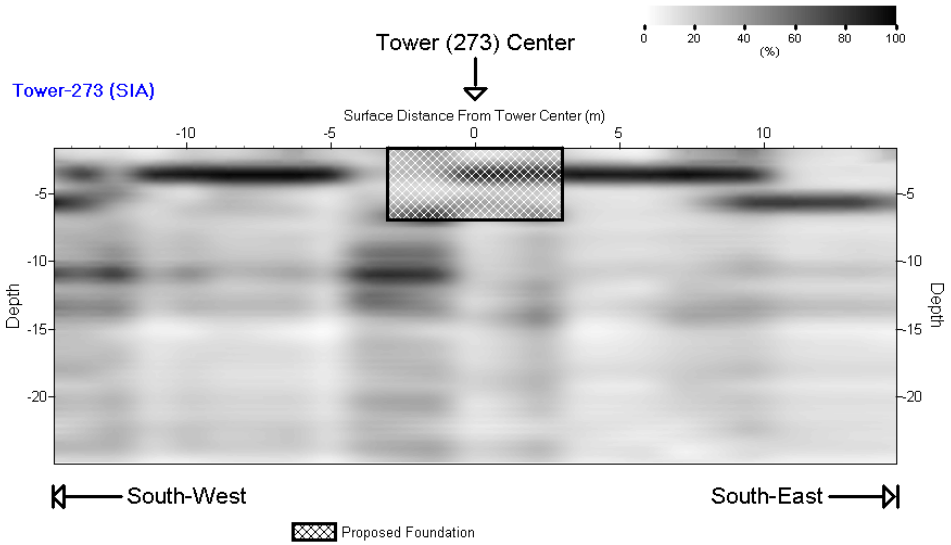

Tower (272) Center
0 20 40 60 80 100
(%)
Tower-272 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-273

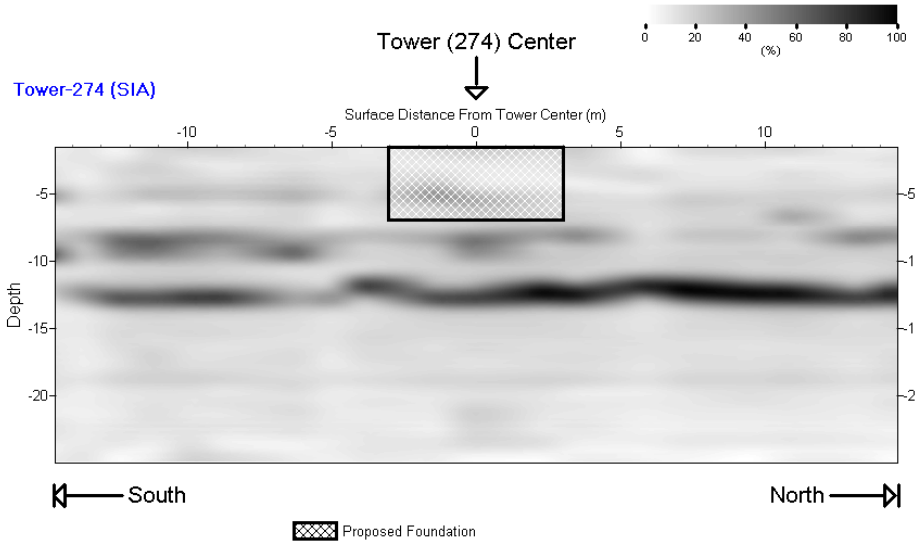

Tower (273) Center
0 20 40 60 80 100
(%)
Tower-273 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

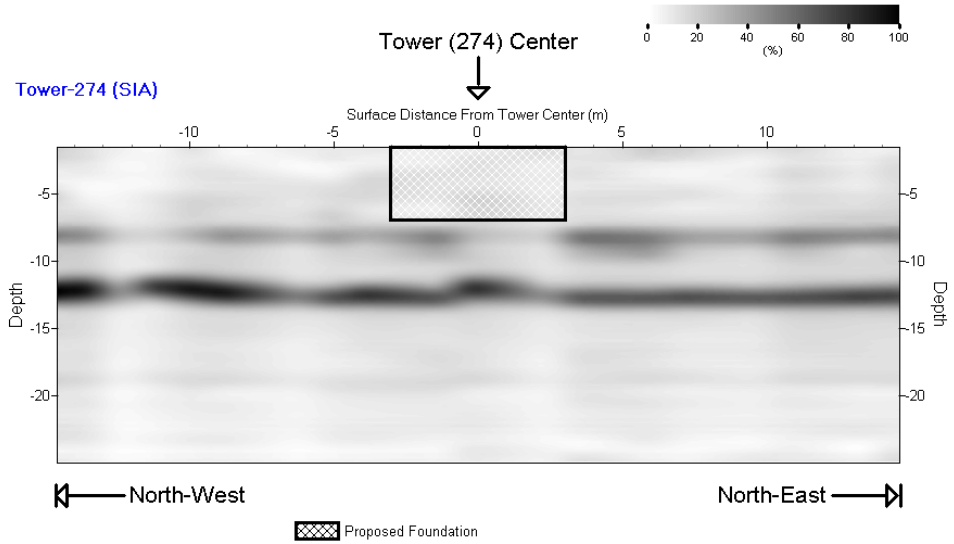

Tower (273) Center
0 20 40 60 80 100
(%)
Tower-273 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

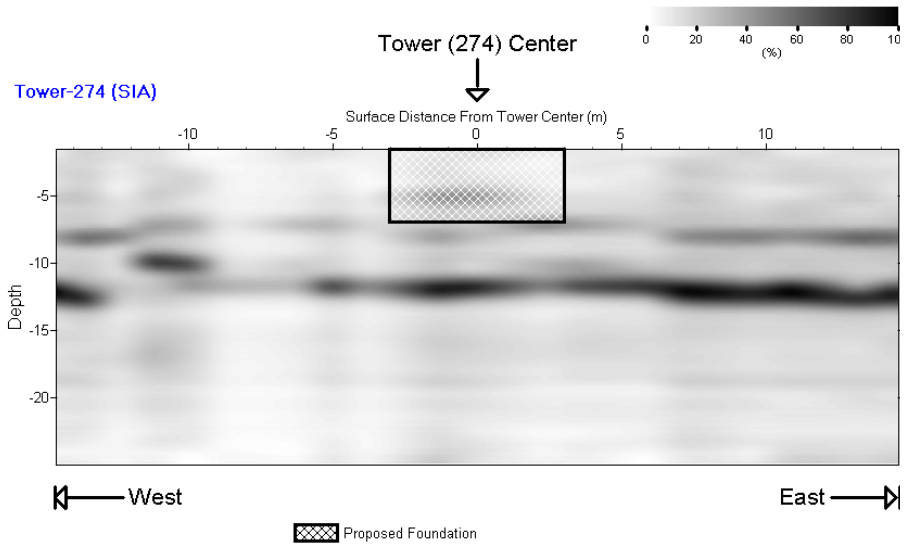

Tower (273) Center
0 20 40 60 80 100
(%)
Tower-273 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

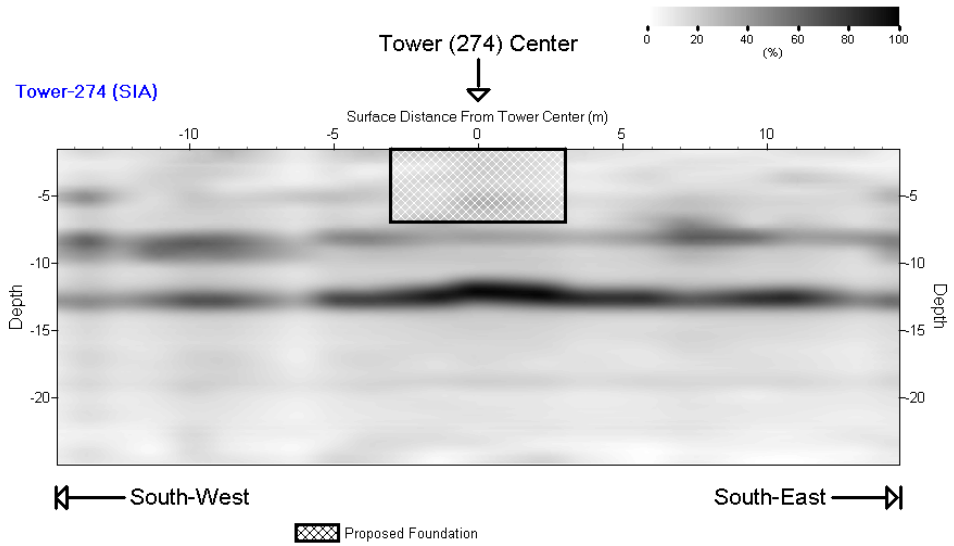

Tower (273) Center
0 20 40 60 80 100
(%)
Tower-273 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-274

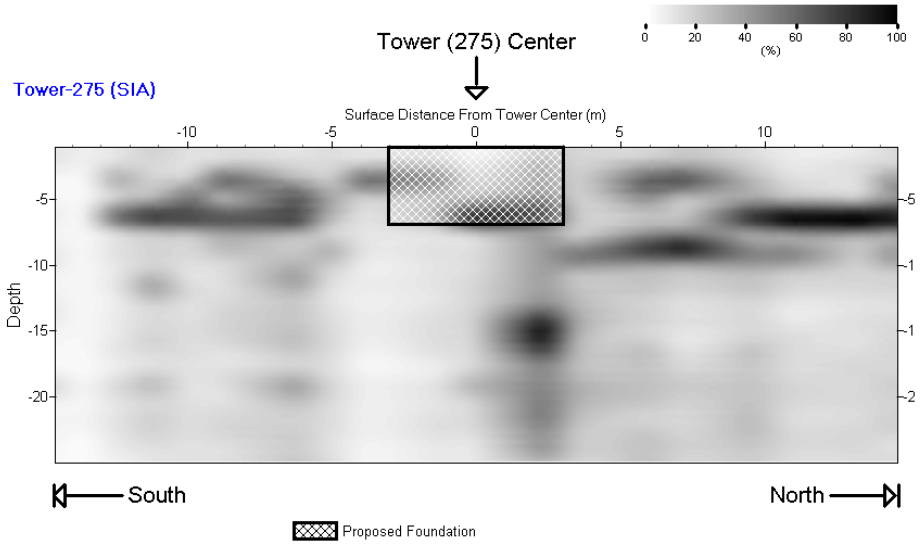

Tower (274) Center
0 20 40 60 80 100
(%)
Tower-274 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

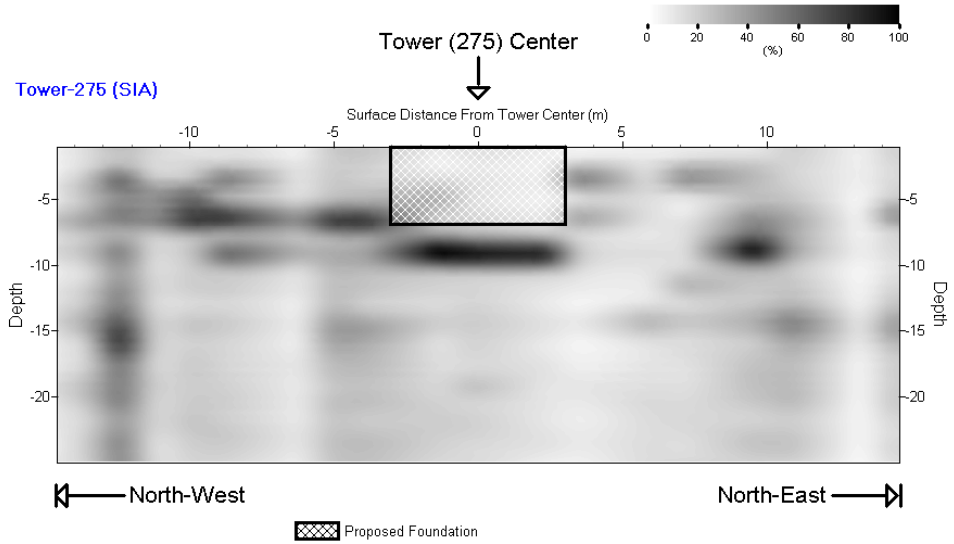

Tower (274) Center
0 20 40 60 80 100
(%)
Tower-274 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

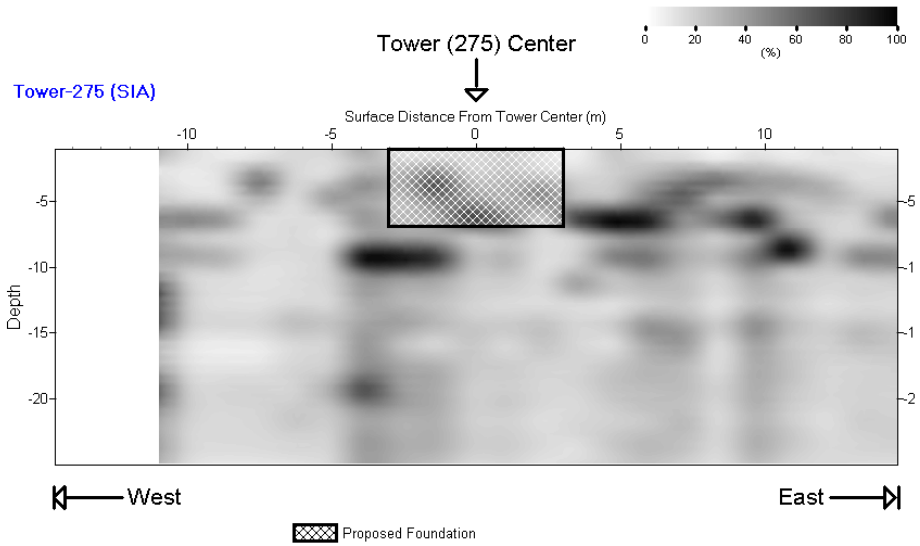

Tower (274) Center
0 20 40 60 80 100
(%)
Tower-274 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

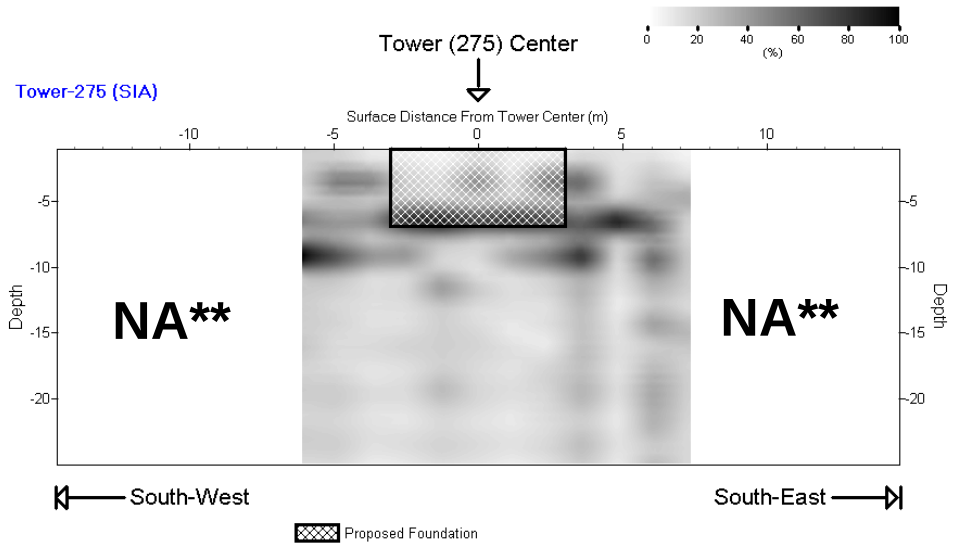

Tower (274) Center
0 20 40 60 80 100
(%)
Tower-274 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-275



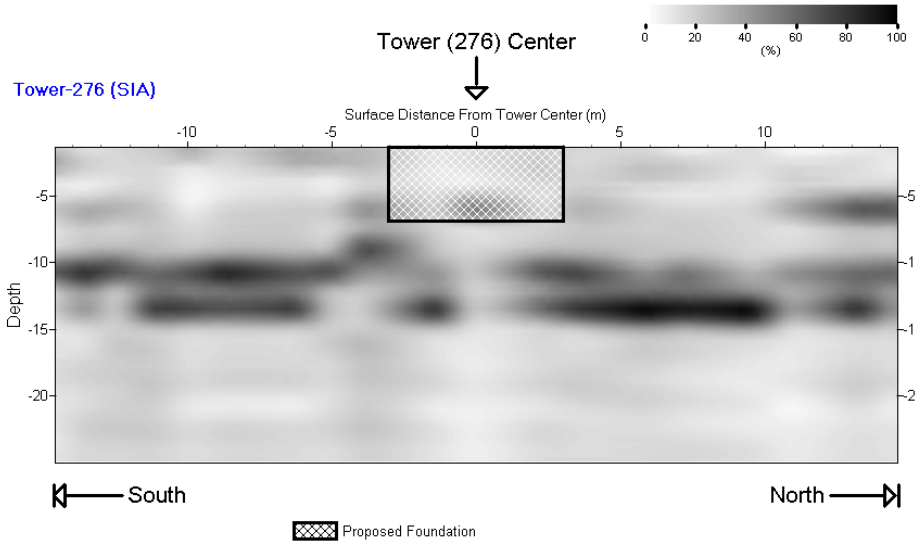


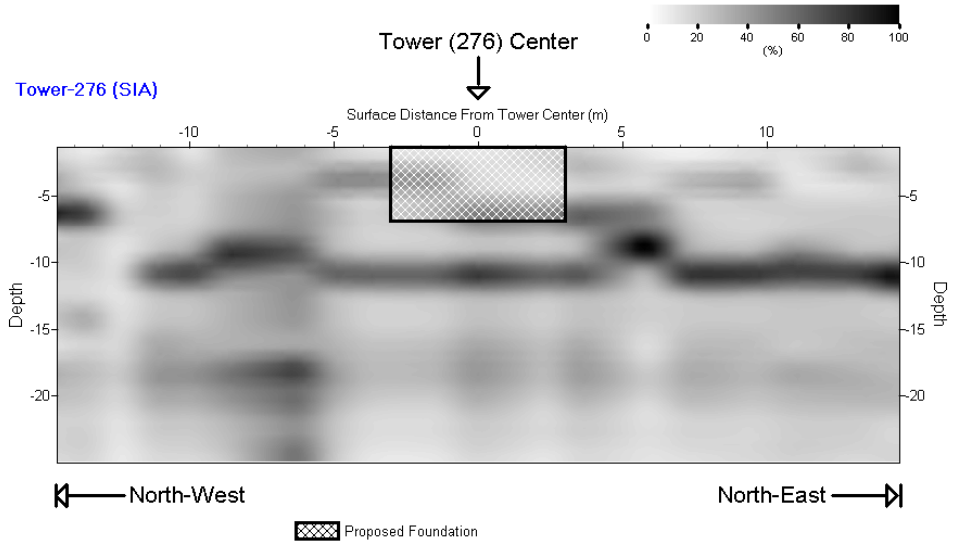


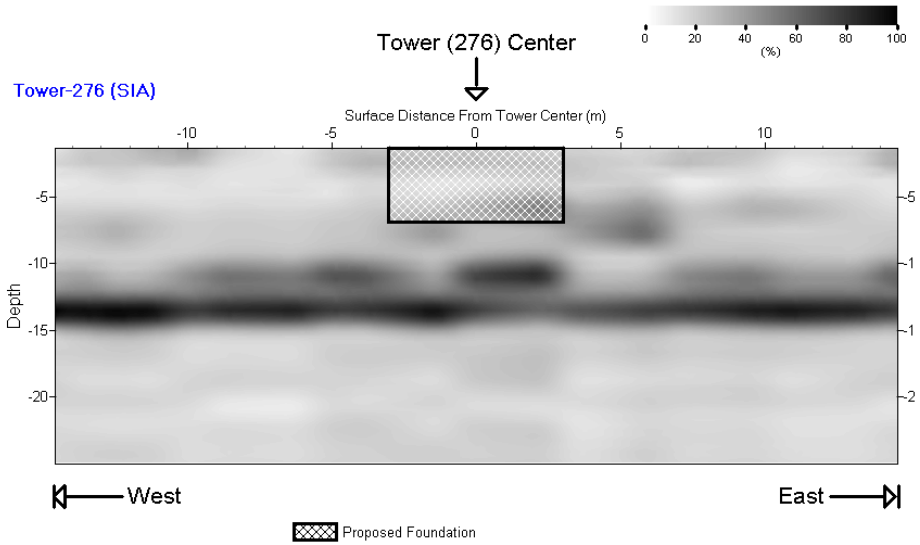


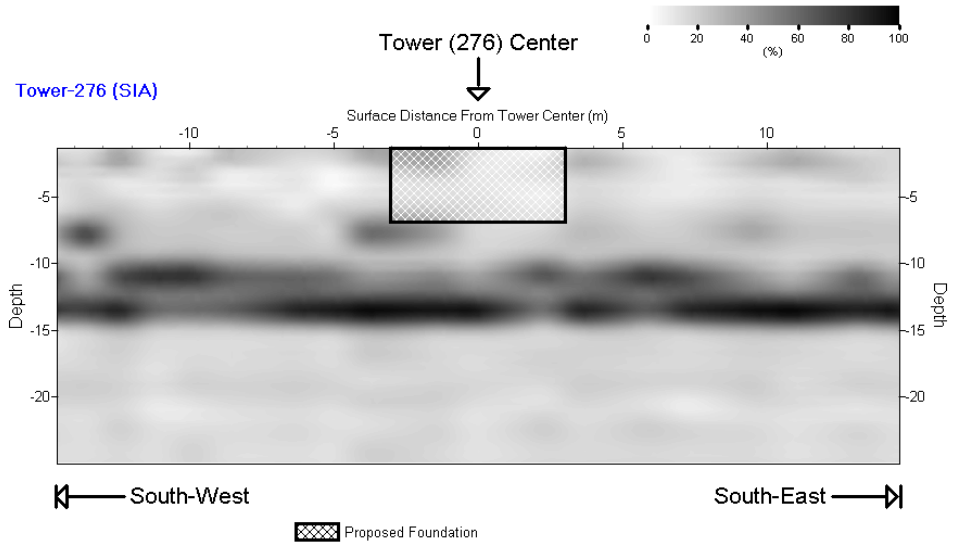
**Data not acquired due to terrain condition (seep drop off)

T-276

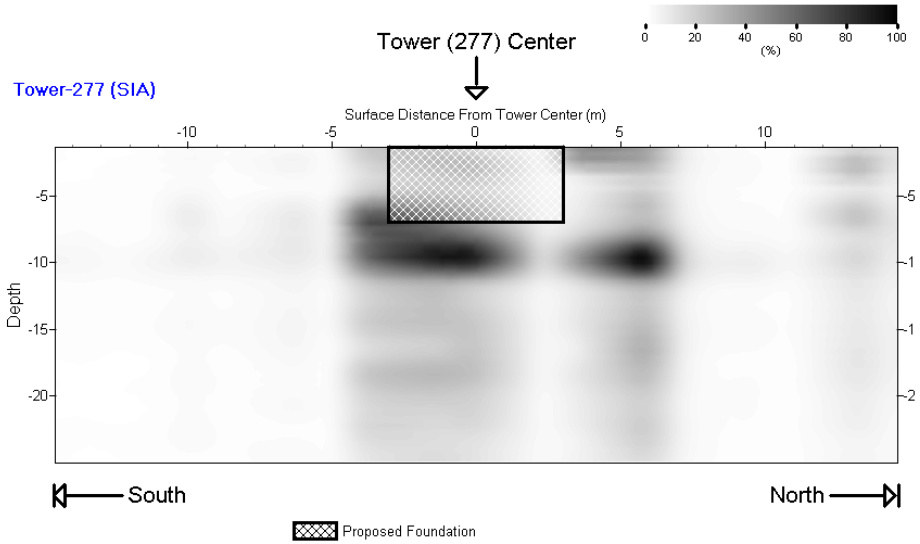

Tower (276) Center
0 20 40 60 80 100
(%)
Tower-276 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

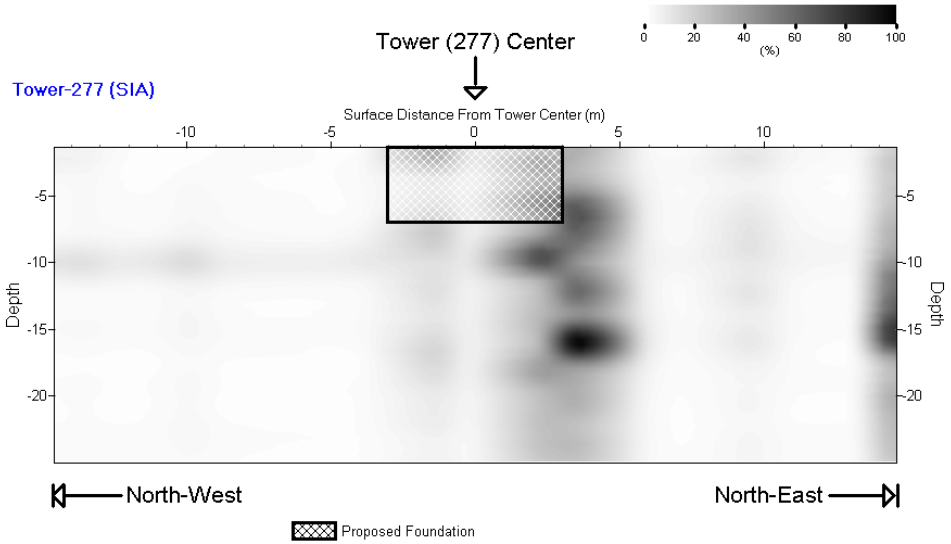

Tower (276) Center
0 20 40 60 80 100
(%)
Tower-276 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

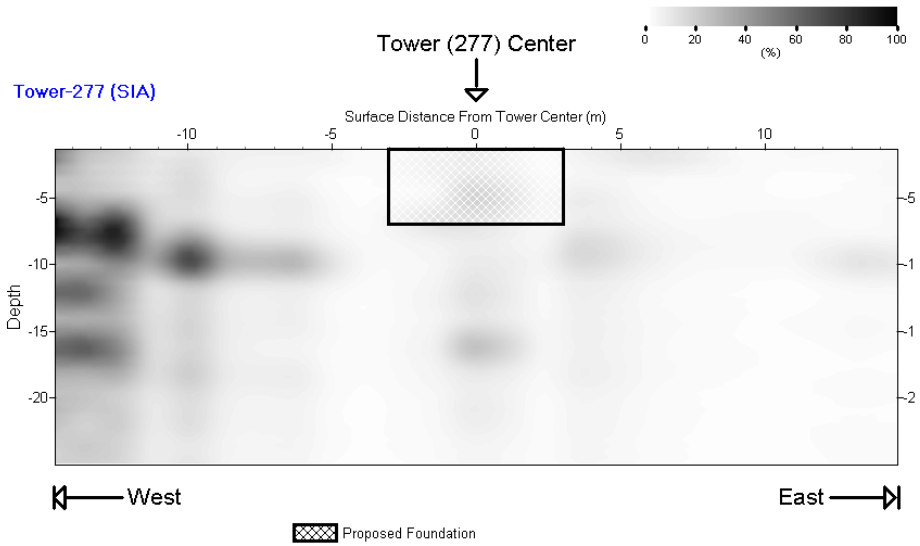

Tower (276) Center
0 20 40 60 80 100
(%)
Tower-276 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

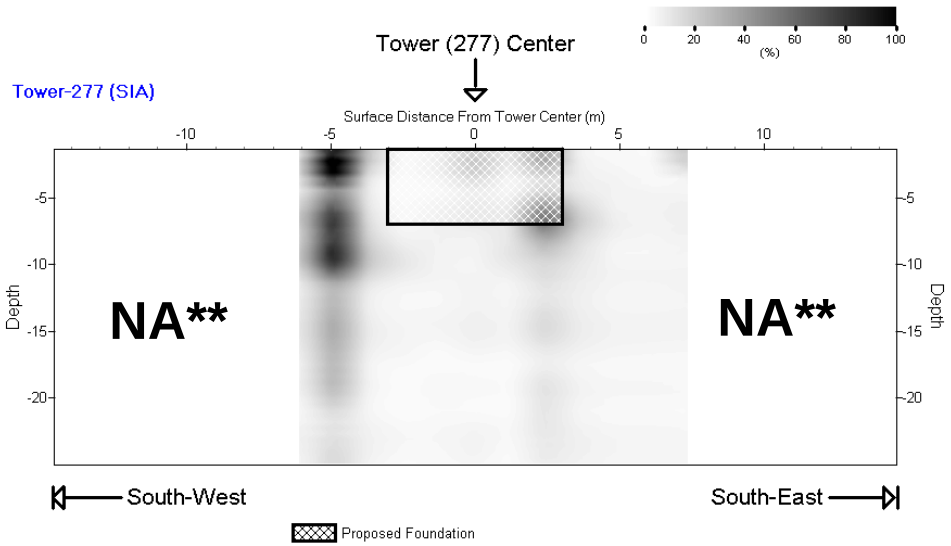

Tower (276) Center
0 20 40 60 80 100
(%)
Tower-276 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-277



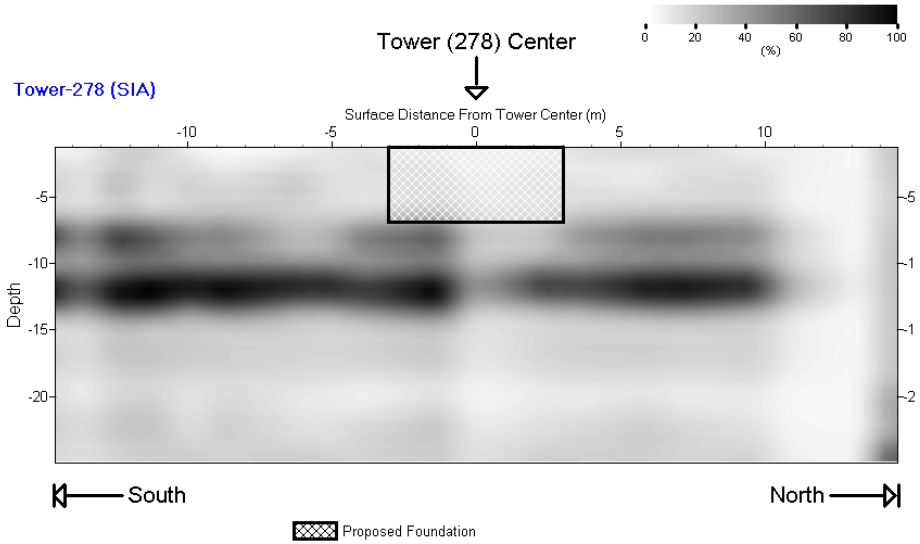


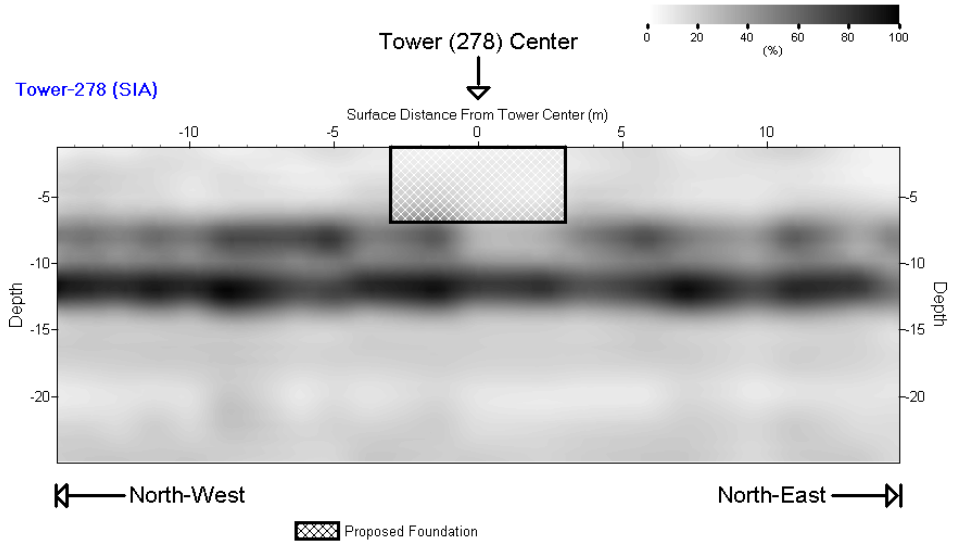


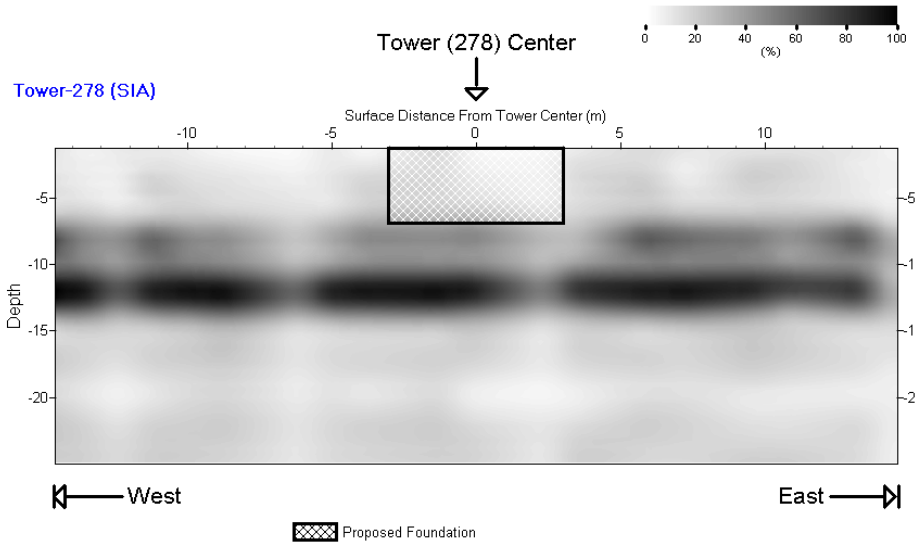


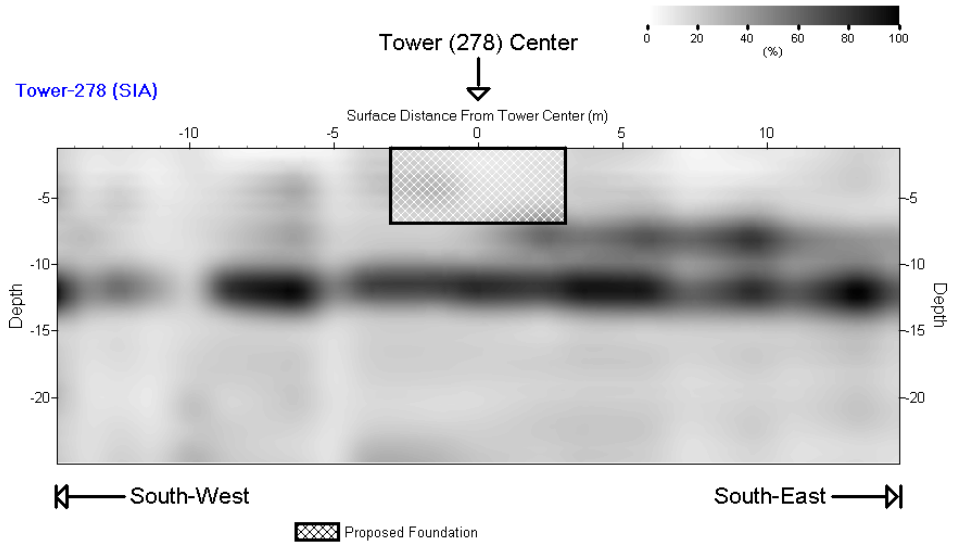
**Data not acquired due to terrain condition (steep drop off)

T-278

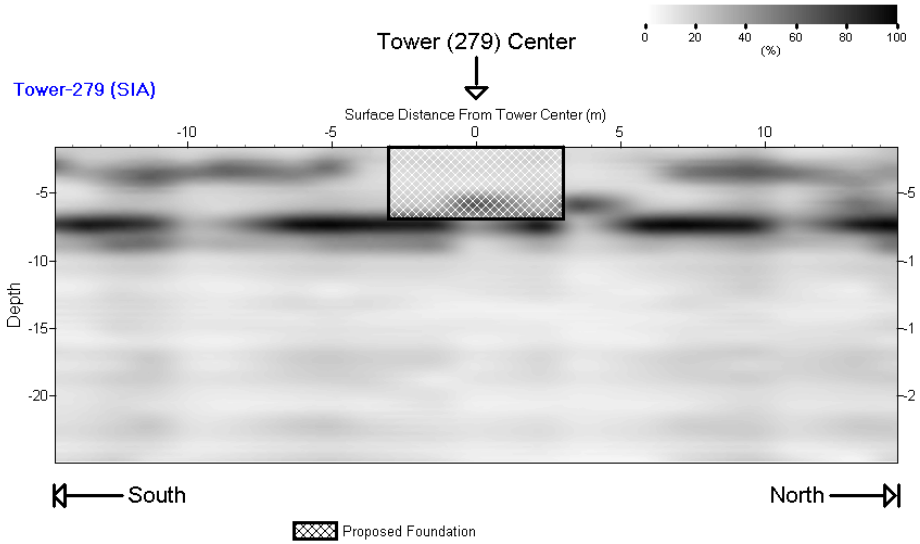

Tower (278) Center
0 20 40 60 80 100
(%)
Tower-278 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

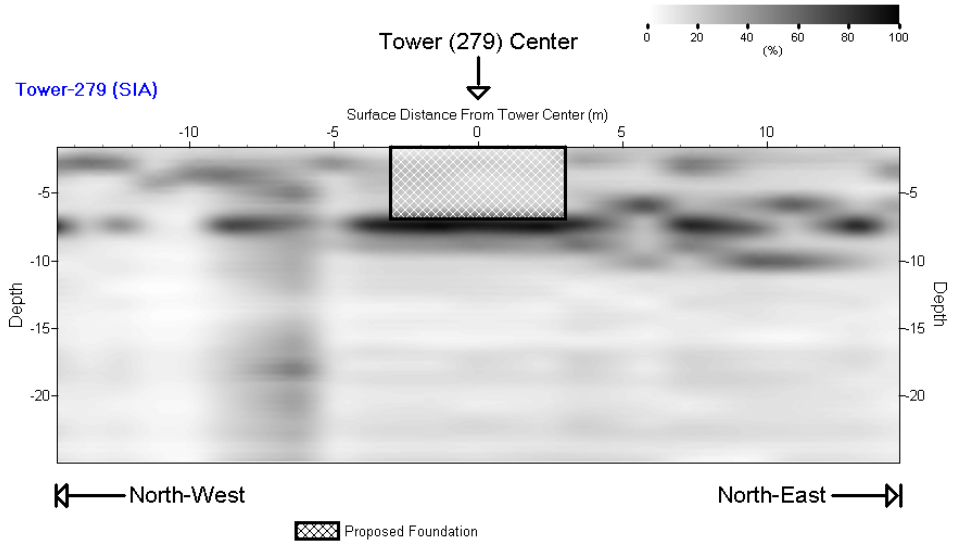

Tower (278) Center
0 20 40 60 80 100
(%)
Tower-278 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

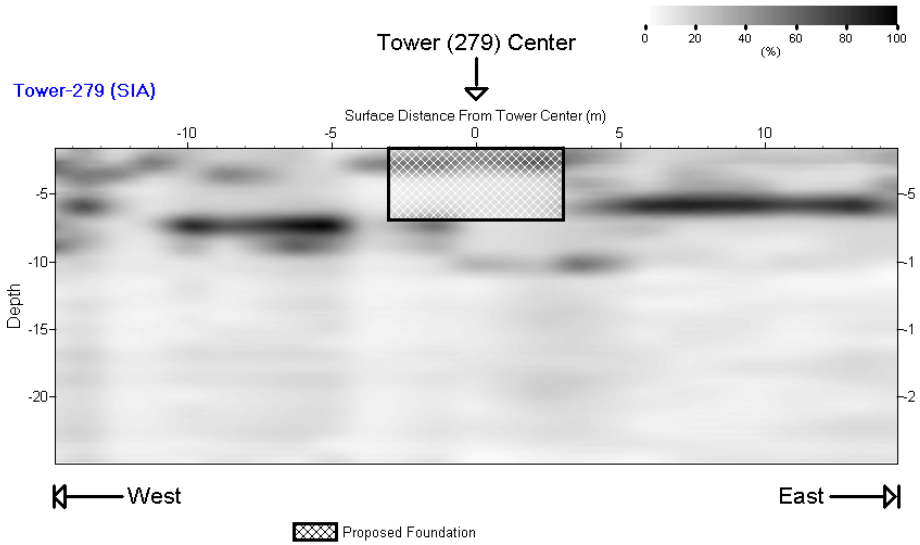

Tower (278) Center
0 20 40 60 80 100
(%)
Tower-278 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

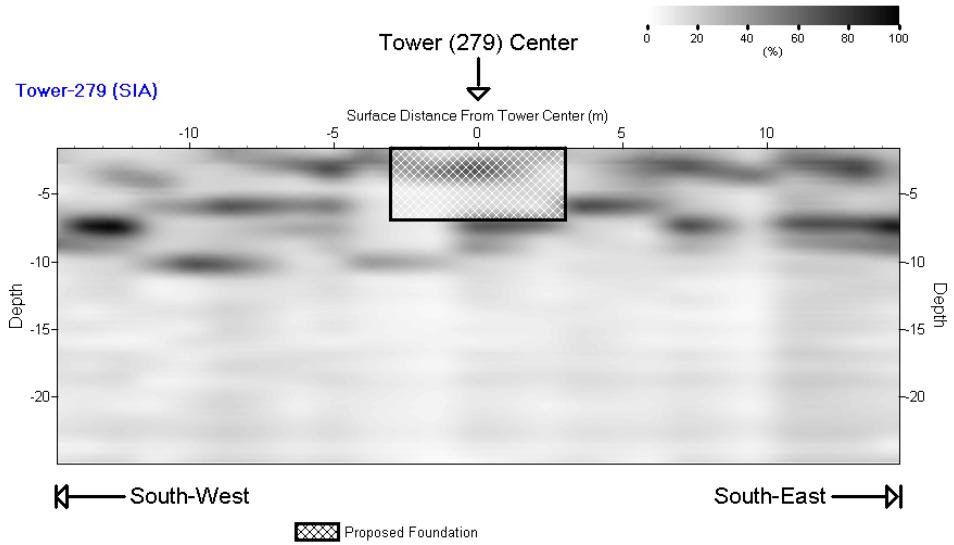

Tower (278) Center
0 20 40 60 80 100
(%)
Tower-278 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-279

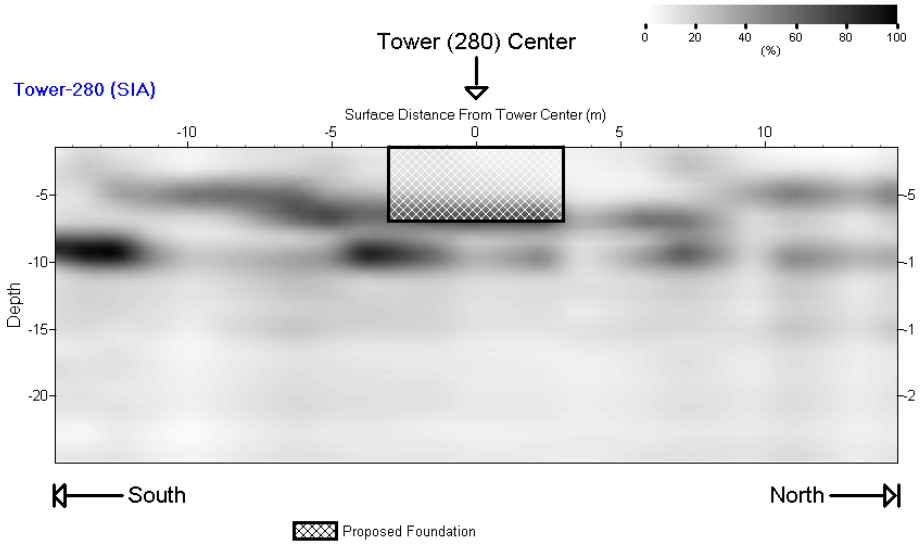

Tower (279) Center
0 20 40 60 80 100
(%)
Tower-279 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

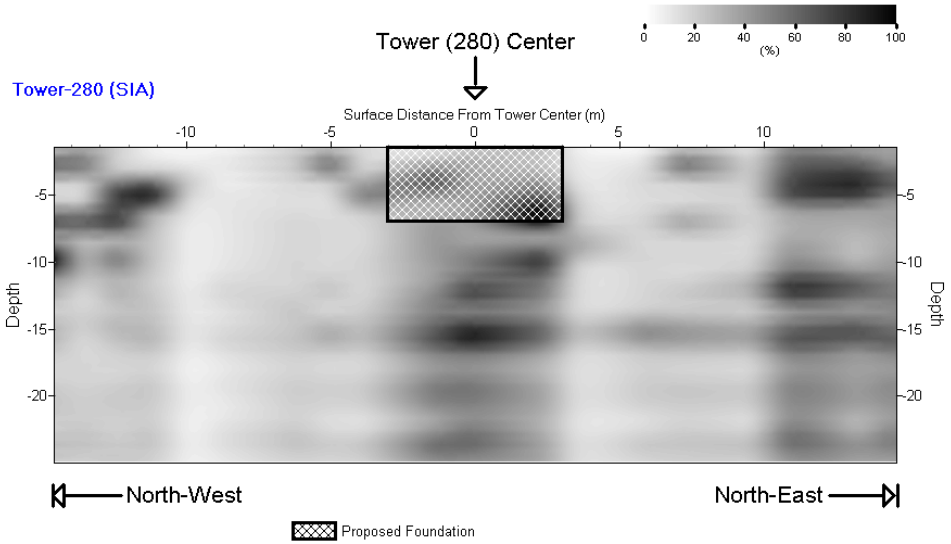

Tower (279) Center
0 20 40 60 80 100
(%)
Tower-279 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

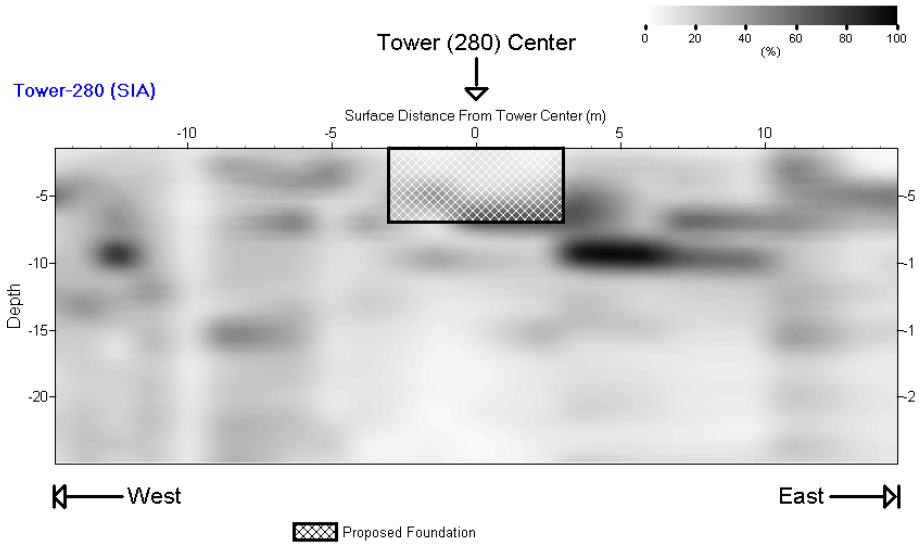

Tower (279) Center
0 20 40 60 80 100
(%)
Tower-279 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

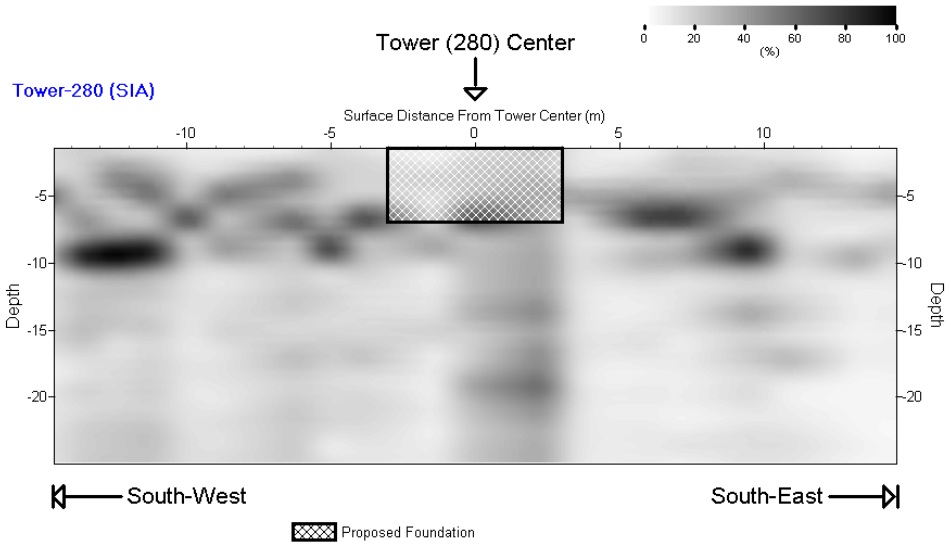

Tower (279) Center
0 20 40 60 80 100
(%)
Tower-279 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-280

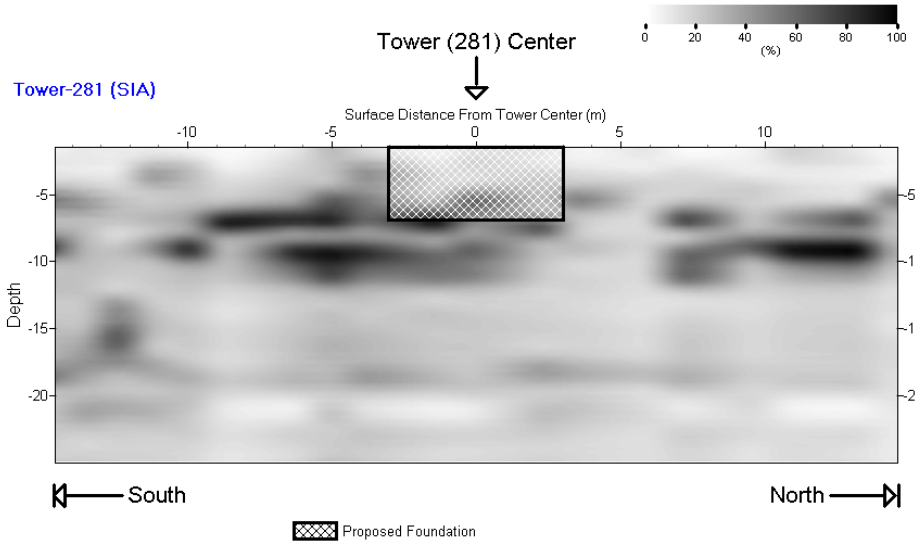

Tower (280) Center
0 20 40 60 80 100
(%)
Tower-280 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

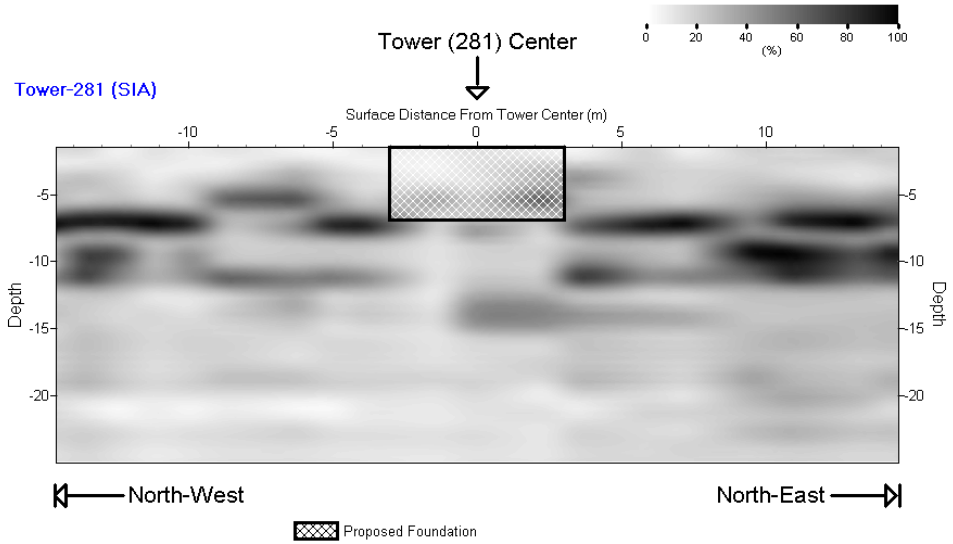

Tower (280) Center
0 20 40 60 80 100
(%)
Tower-280 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

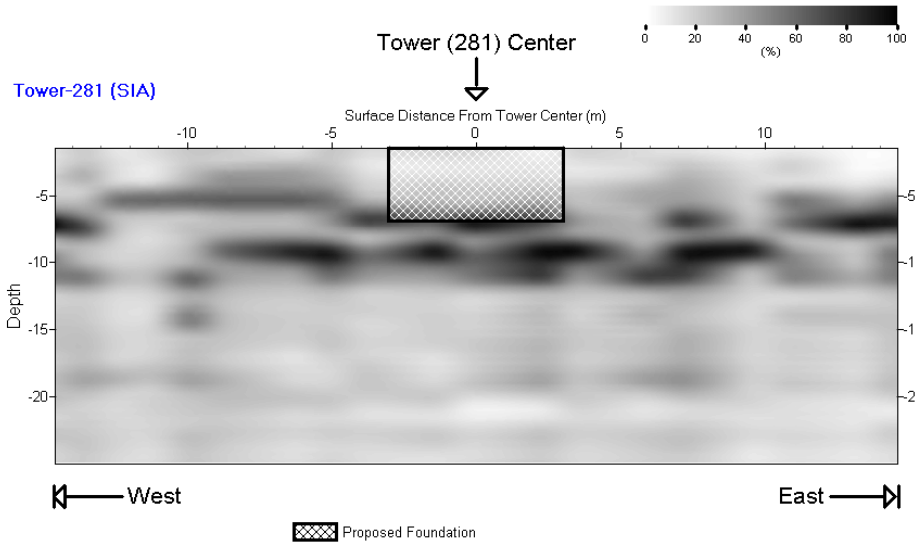

Tower (280) Center
0 20 40 60 80 100
(%)
Tower-280 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

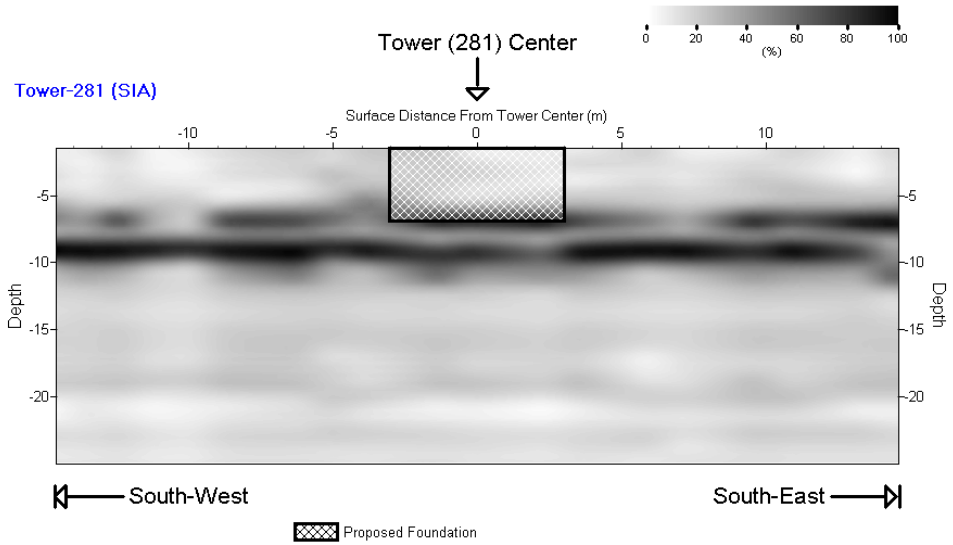

Tower (280) Center
0 20 40 60 80 100
(%)
Tower-280 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-281

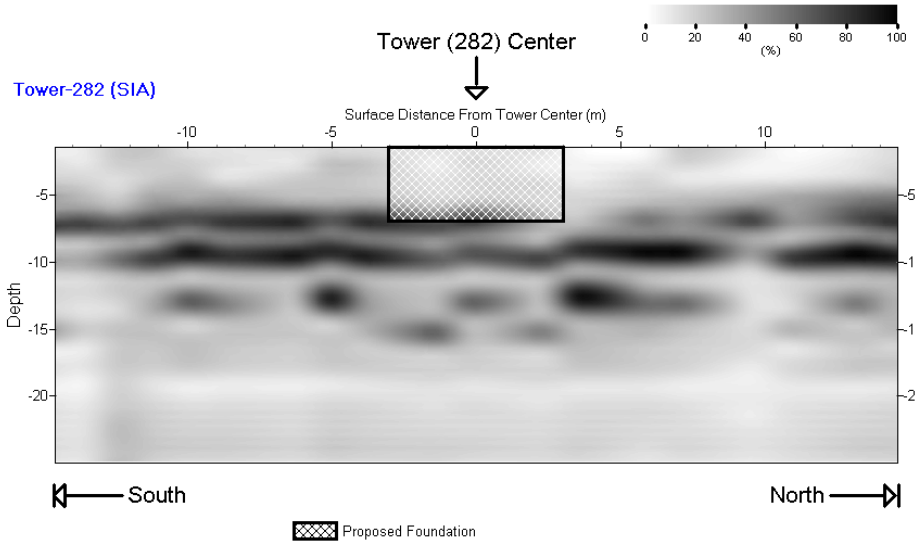

Tower (281) Center
0 20 40 60 80 100
(%)
Tower-281 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

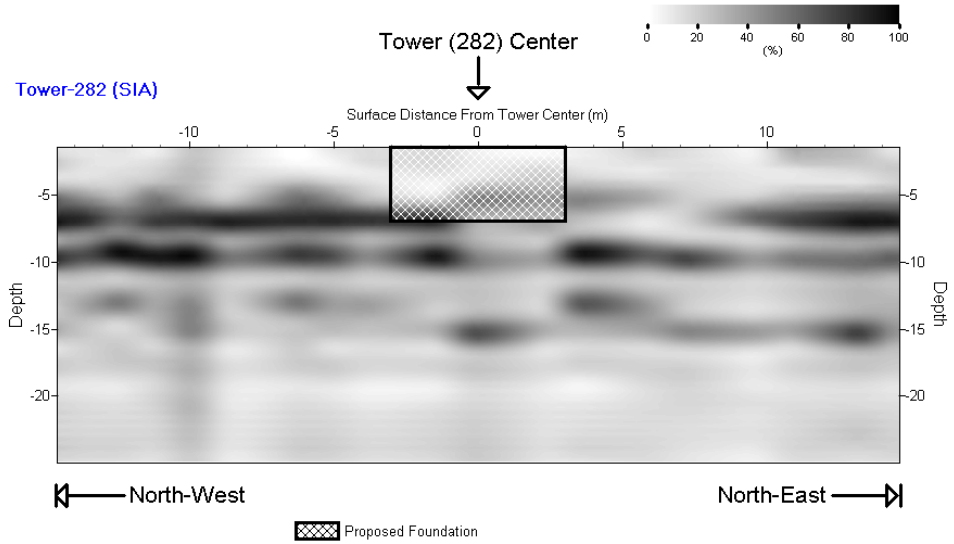

Tower (281) Center
0 20 40 60 80 100
(%)
Tower-281 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

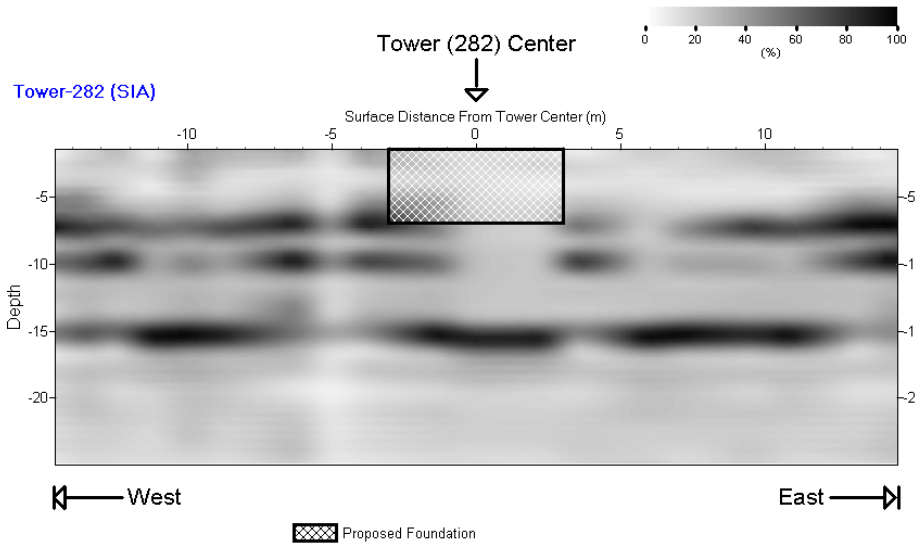

Tower (281) Center
0 20 40 60 80 100
(%)
Tower-281 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

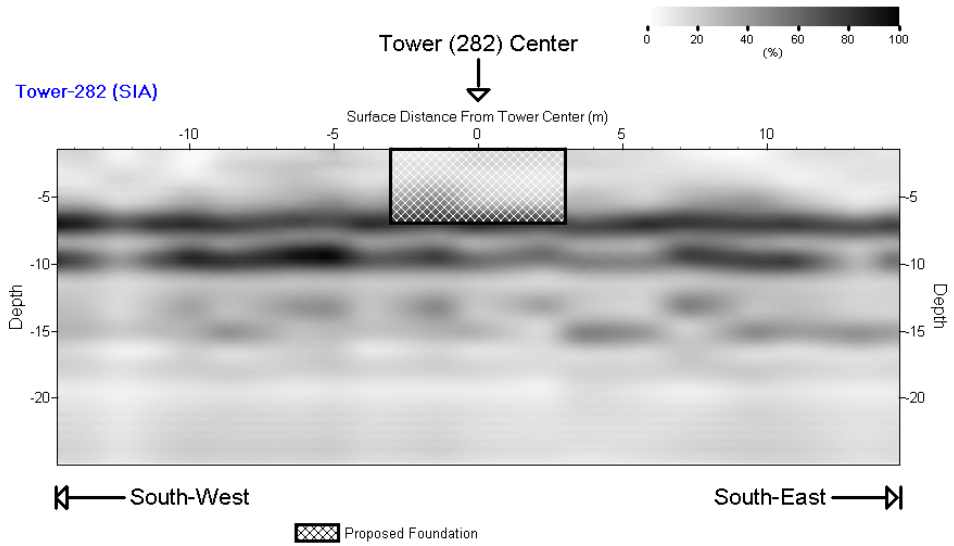

Tower (281) Center
0 20 40 60 80 100
(%)
Tower-281 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-282

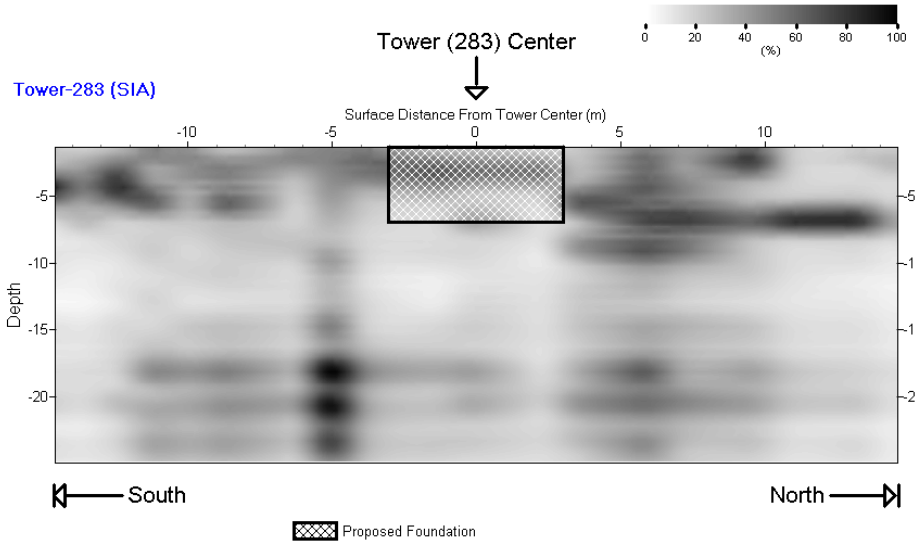

Tower (282) Center
0 20 40 60 80 100
(%)
Tower-282 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

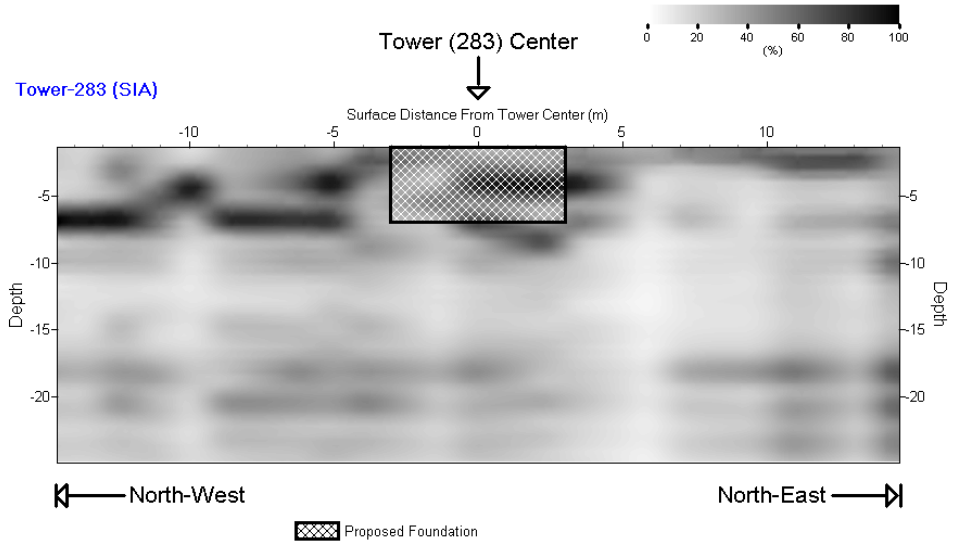

Tower (282) Center
0 20 40 60 80 100
(%)
Tower-282 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

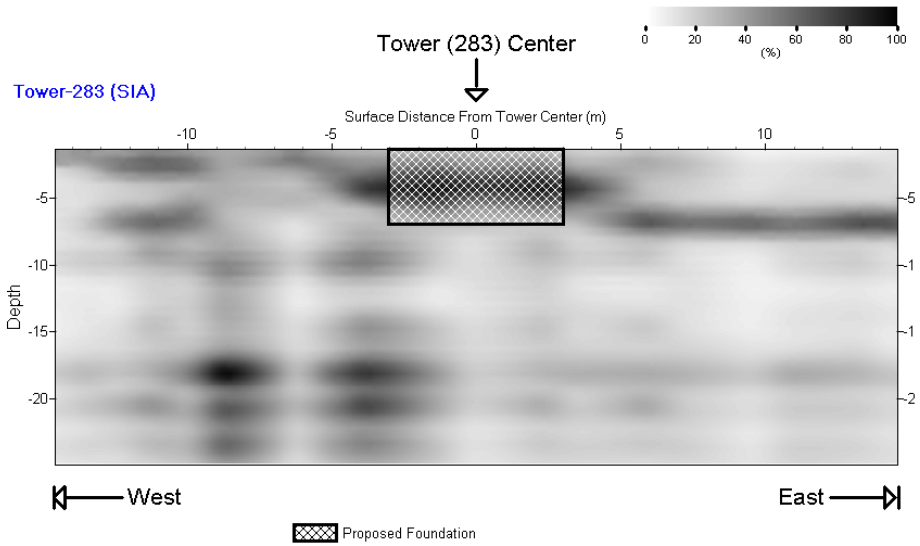

Tower (282) Center
0 20 40 60 80 100
(%)
Tower-282 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

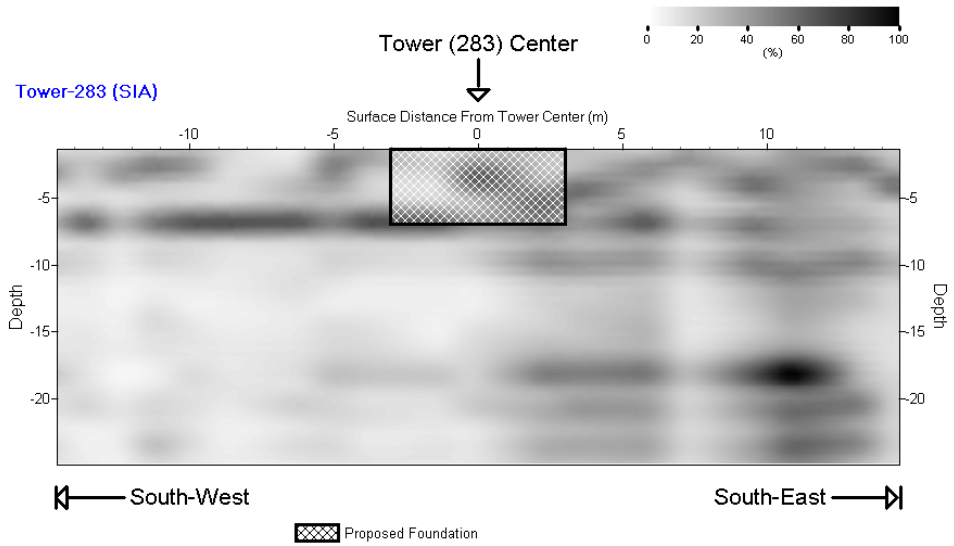

Tower (282) Center
0 20 40 60 80 100
(%)
Tower-282 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-283

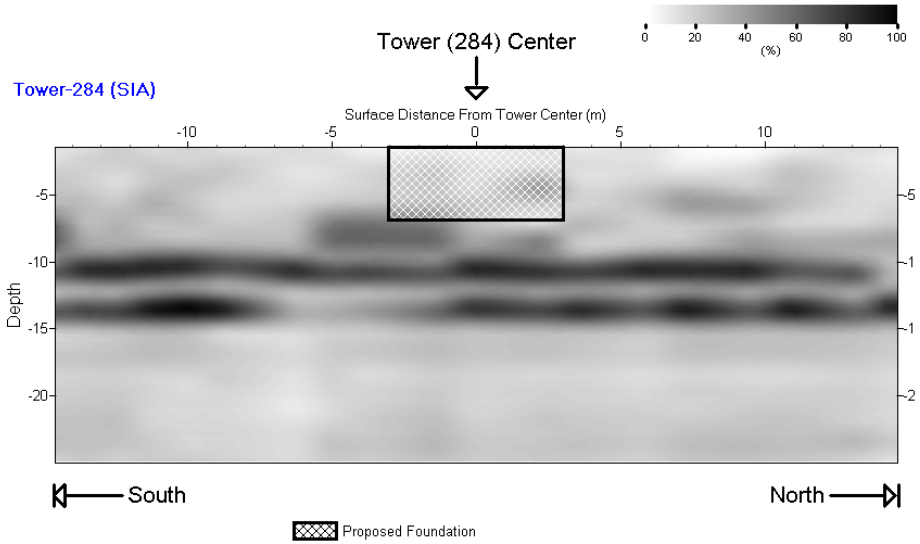

Tower (283) Center
0 20 40 60 80 100
(%)
Tower-283 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation

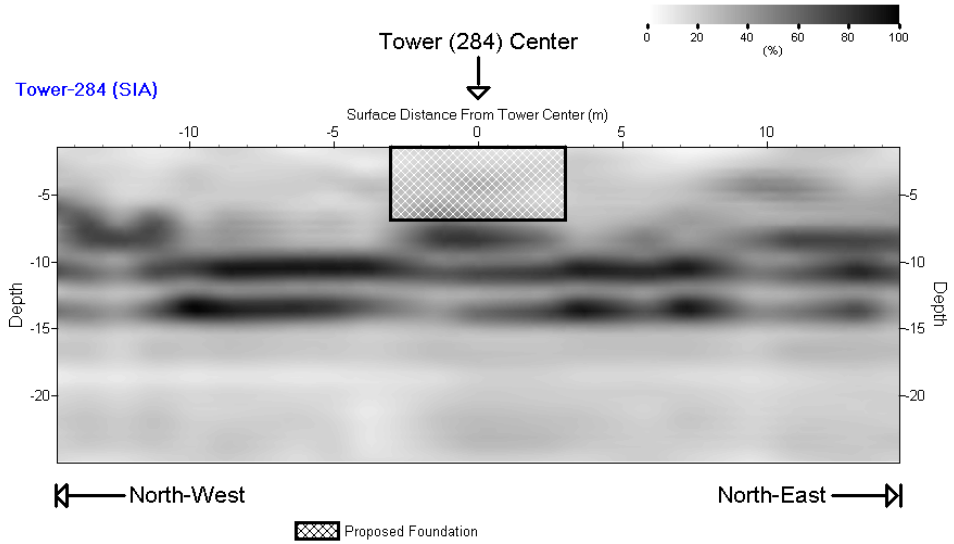

Tower (283) Center
0 20 40 60 80 100
(%)
Tower-283 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation

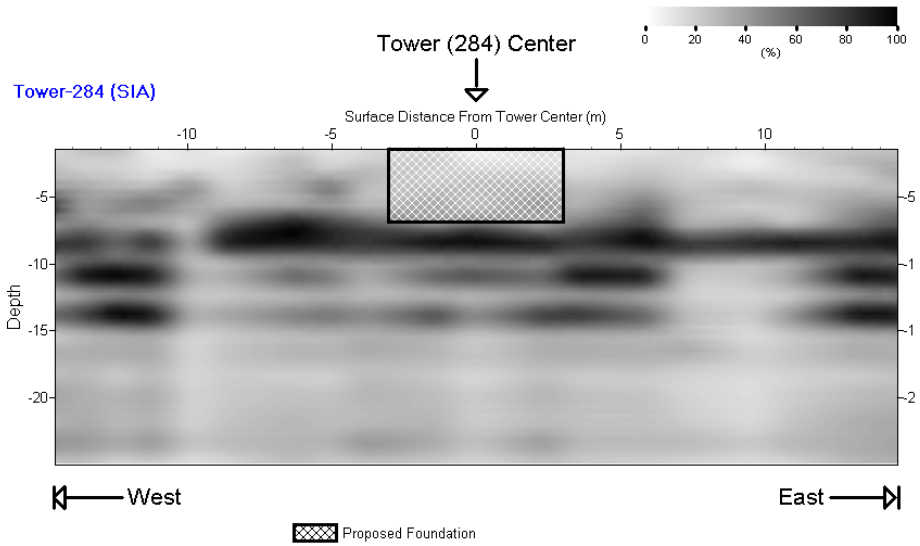

Tower (283) Center
0 20 40 60 80 100
(%)
Tower-283 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation

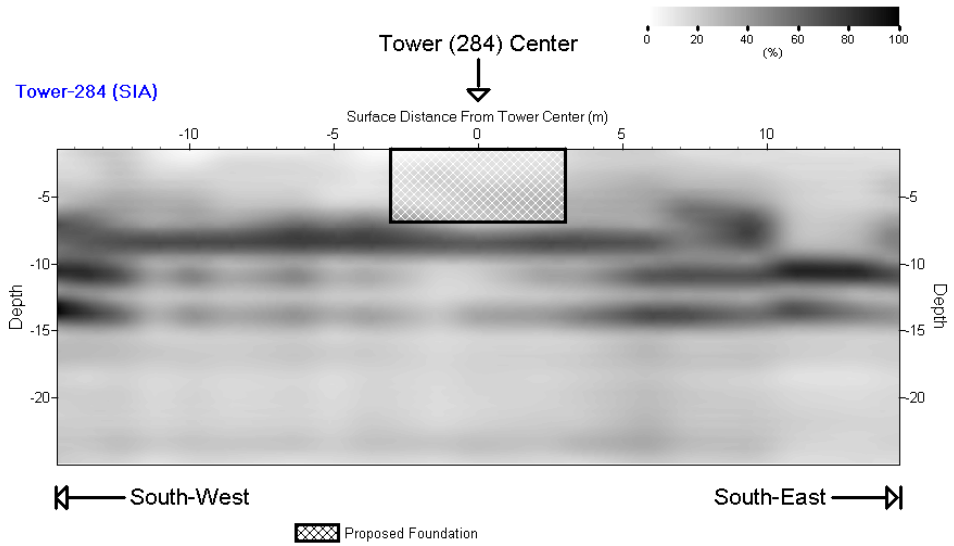

Tower (283) Center
0 20 40 60 80 100
(%)
Tower-283 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation

T-284


Tower (284) Center
0 20 40 60 80 100
(%)
Tower-284 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South
North
Proposed Foundation


Tower (284) Center
0 20 40 60 80 100
(%)
Tower-284 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
North-West
North-East
Proposed Foundation


Tower (284) Center
0 20 40 60 80 100
(%)
Tower-284 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
West
East
Proposed Foundation


Tower (284) Center
0 20 40 60 80 100
(%)
Tower-284 (SIA)
Surface Distance From Tower Center (m)
-10 -5 0 5 10
Depth
-5 -10 -15 -20
South-West
South-East
Proposed Foundation