QAPP Worksheet #28: QC Samples Table
QAPP Worksheet #28B – Isotopic Thorium

Matrix	Soil/Aqueous
Analytical Group	Isotopic Thorium
Concentration Level	Low/Medium
Sampling SOP(s)	ERT/SERAS SOP# 2001, 2006, 2012
Analytical Method/SOP Reference	Alfa Spectroscopy/NAREL ACT-02FTH
Sampler's Name	Bernard Nwosu
Field Sampling Organization	Weston Solutions, Inc., START V
Analytical Organization	NAREL
No. of Sample Locations	30

Lab QC Sample:	Frequency/ Number	Method/SOP QC Acceptance Limits	Corrective Action	Person(s) Responsible for Corrective Action	Data Quality Indicator (DQI)	Measurement Performance Criteria
Duplicate	1 per 20	$\lvert$z-score$\rvert < 3$	Reanalysis	Analyst		
Laboratory Control	1 per 20	$\lvert$z-score$\rvert < 3$	Reanalysis	Analyst		
Reagent Blank	1 per 20	0 ± 3 sigma	Reanalysis	Analyst		