

Data Collection: **Exterior Gamma Survey**

Gamma reading can be measurement using the same GPS coordinates for each elevation (one person taken measurement with the two equipments at different elevation and one GPS reading) or two people taken reading at different elevation, which the GPS coordinates will be different for each elevation.

Data Element	Data Type	Mandatory (M)/Optional (O)	Data Rules	Definition
CRA_ID	Number	M	>0	CRA ID # is unique number that identifies each property that is going to be included in the survey program
Measurement Date	Date	M	Format: YYYY/XXX/DD	The data on which the measurement for this point was recorded (2013 NOV 05).
Latitude	Real Number	M	XXXXXXXX.XXX	Latitude refers to the north –south position of a point on the Earth’s surface.
Longitude	Real Number	M	XXXXXXXX.XXX	Longitude refers to the east–west position of a point on the Earth’s surface.
Gamma_15cm_uR_h	Real Number	M	≥0	The measured Gamma level at 15 cm distance from the ground in units of uR/h. (GPS only)
Gamma_Measurement_15cm_non_GPS_uR_h	Real Number	M	≥0	Gamma Measurement at 15cm distance from the ground in units of uR/h. (For Non-GPS points only)
Gamma_Instrument_15cm	Char (2000)	M		Instrument used for the gamma scan at 15cm
Gamma_100cm_uR_h	Real Number	M	≥0	The measured Gamma level at 100 cm distance from the ground in units of uR/h. (GPS only)
Gamma_Measurement_100cm_non_GPS_uR_h	Real Number	M	≥0	Gamma Measurement at 100 cm distance from the ground in units of uR/h. (For Non-GPS points only)
Gamma_Instrument_100cm	Char (2000)	M		Instrument used for the gamma scan at 100cm
Remarks	Char (2000)	O		Brief remarks regarding any unordinary facts identified during the Exterior Gamma Survey

CRA_ID	Measurement_Date	Latitude	Longitude	Gamma_15cm_uR_h	Gamma_Measurement_15cm_non_GPS_uR_h	Gamma_Instrument_15cm	Gamma_100cm_uR_h	Gamma_Measurement_100cm_non_GPS_uR_h	Gamma_Instrument_100cm	Remarks
--------	------------------	----------	-----------	-----------------	-------------------------------------	-----------------------	------------------	--------------------------------------	------------------------	---------