SampleID	LocationID	Matrix	SampleDescription	SampleType	Isotope	MethodID	Result	ResultUnits	tQualifier	RL	RLUnits
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Ac-228	Gamma Spectroscopy	-29	pCi/g	U,G,J	83	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Bi-212	Gamma Spectroscopy	240	pCi/g	U,G,J	380	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Bi-214	Gamma Spectroscopy	-8	pCi/g	U,G,J	52	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	K-40	Gamma Spectroscopy	70	pCi/g	U,G,J	160	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Pb-212	Gamma Spectroscopy	10	pCi/g	U,G,J	40	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Pb-214	Gamma Spectroscopy	6	pCi/g	U,G,J	50	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Th-227	Gamma Spectroscopy	-52	pCi/g	U,G,J	142	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Tl-208	Gamma Spectroscopy	-4	pCi/g	U,G,J	29	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Cs-137	Gamma Spectroscopy	-8	pCi/g	U,M,G,J	29	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Ra-226	Gamma Spectroscopy	7	pCi/g	U,M,G,J	49	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Ra-228	Gas-Flow Proportional	30.79999924	pCi/g	X	2.5	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	URANIUM	ICP-MS	990000	MG/KG	X		MG/KG
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Pa-234m	Gamma Spectroscopy	278000	pCi/g	X,G,J	4000	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Th-234	Gamma Spectroscopy	20100	pCi/g	X,G,J	500	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	U-235	Gamma Spectroscopy	223	pCi/g	X,G,J	103	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	Ra-226	Radon Emanation	0.610000014	pCi/g	X,LT	0.569999993	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	U-234	Uranium by Alpha Spectrometry	52800	pCi/g	X,M3	700	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	U-235	Uranium by Alpha Spectrometry	6200	pCi/g	X,M3	400	pCi/g
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	U-238	Uranium by Alpha Spectrometry	386000	pCi/g	X,M3	0	pCi/g

SampleID	LocationID	Matrix	SampleDescription	SampleType	Isotope	MethodID	Result	ResultUnits	Spec Act Ci/g	g isotope/g sample	Abn wt%		
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	U-234	Uranium by Alpha Spectrometry	52800	pCi/g	6.20E-03	8.52E-06	0.000748%		
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	U-235	Uranium by Alpha Spectrometry	6200	pCi/g	2.20E-06	2.82E-03	0.247617%		
14100024	FB001PR	SOLID	Black pea-sized metal	Field_Sample	U-238	Uranium by Alpha Spectrometry	386000	pCi/g	3.40E-07	1.14E+00	99.751635%		
SUM										1.14E+00	100.00%		
	g isotope/g sample = (result pCi/g)/(specific activity Ci/g X 1E+12 pCi/Ci) [Note: due to uncertainties mass sum does not equaL1 g]												
	Abundnce wt% = (g isotope)/(sum g/sample) expressed as percent												
	Note: Theoretical specific activities were used in calculations. An online calculator (RadProCalculator) calculates the U-238 specific activity for this sample at 3.88 E-07 Ci/g and the % Abn for U-235 at 0.28%.												