

SITE_NAME	SAMPLE_NO	LAB NO	GRAIN TYPE	GRAIN SIZE (μm)	EQUIVALENT DOSE (Gray)
Daytona Beach Tr1	OSL1	USGS	quartz	180-150	9.59 ± 0.54
Daytona Beach Tr2	OSL1	USGS	quartz	180-150	2.04 ± 0.06
Daytona Beach Tr2	OSL2	USGS	quartz	180-150	11.9 ± 0.32
St. Francis River 500	OSL1	USGS	quartz	150-125	23.8 ± 1.36
St. Francis River 500	OSL2	USGS	quartz	180-150	21.9 ± 0.55
Daytona Beach SE2	OSL1	USGS	quartz	125-90	30.6 ± 1.83
Daytona Beach SE2	OSL2	USGS	quartz	125-90	103 ± 3.61
Daytona Beach SE2	OSL3	USGS	quartz	125-90	133 ± 4.65

U (ppm)	Th (ppm)	K (%)	H2O (%)	COSMIC DOSE RATE (mGray/yr)
not available	not available	not available	19 ± 2.5	not available
not available	not available	not available	13 ± 2.5	not available
not available	not available	not available	16 ± 2.5	not available
not available	not available	not available	17 ± 2.5	not available
not available	not available	not available	28 ± 5	not available
2.25 ± 0.10	7.26 ± 0.20	1.70 ± 0.07	15	0.17 ± 0.02
2.27 ± 0.13	7.09 ± 0.27	1.73 ± 0.08	12	0.16 ± 0.01
2.17 ± 0.17	6.99 ± 0.25	1.73 ± 0.07	16	0.16 ± 0.01

TOTAL DOSE RATE (mGray/yr)	OSL AGE (yr before 2010)	NOTES	REFERENCES
2.46 ± 0.07	3990 ± 330	Trench 1; soil below sand blow	Tuttle et al., 200
2.48 ± 0.07	819 ± 63.9	Trench 2; soil above sand blow	Tuttle et al., 200
2.45 ± 0.07	4860 ± 330	Trench 2; soil below sand blow	Tuttle et al., 200
2.72 ± 0.07	8760 ± 1100	Cutbank; basal portion of backsw	Tuttle et al., 200
2.29 ± 0.05	9550 ± 630	Cutbank; backswamp deposit 13	Tuttle et al., 200
2.56 ± 0.06	12000 ± 1000	Triple Crown Trench, south wall;	Al-Shukri et al., :
2.65 ± 0.08	38000 ± 3000	Triple Crown Trench, south wall;	Al-Shukri et al., :
252 ± 0.07	52000 ± 3000	Double Crown Trench, south wa	Al-Shukri et al., :

2009 (USGS 07HQGR0069)

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