Table 26. Descriptions of sediments sampled along Thicketty Creek – continued.

Block	Station number	Sample number	Material sampled	Depth of sample below surface of flood plain (feet)	Screening characteristics – Plus 1/4 inch: Volume ratio	Plus 1/4 inch: Composition (percent)	Plus 1/4 inch: Maximum intermediate dimension (inches)	Minus 1/4 – plus 1/8 inch: Volume ratio	Minus 1/4 – plus 1/8 inch: Composition (percent)	Minus 1/8 inch: Sand, Volume ratio	Minus 1/8 inch: Silt and clay, Abundance	Minerals in concentrate: Weight of concentrate (grams)	Sieve fraction: Mesh	Sieve fraction: Percent of concentrate	Monazite: Percent of concentrate	Monazite: Pounds per cubic yard	Ilmenite: Percent of concentrate	Ilmenite: Pounds per cubic yard	Rutile: Percent of concentrate	Rutile: Pounds per cubic yard	Zircon: Percent of concentrate	Zircon: Pounds per cubic yard	Garnet: Percent of concentrate	Garnet: Pounds per cubic yard	Kyanite: Percent of concentrate	Kyanite: Pounds per cubic yard	Sillimanite: Percent of concentrate	Sillimanite: Pounds per cubic yard	Magnetite	Hematite	Staurolite	Tourmaline	Amphibole, pyroxene, biotite	Epidote	Quartz	Others
															Percent of concentrate														Percent of concentrate								
I	54	52-PK-151	Riffle gravel	6	20	65 qtz, 25 peg, 5 fels, 5 bio sch	3	4	65 qtz, 15 fels, 15 peg, 5 bio sch	11		63.1	45	35	1		21		—		—		—		—		—		—		—	1	3	—	1	4	4	Spinel tr
cont		151											100	49	—		19		—		—		—		—		tr		—	—	2	—	1	7	19	1
													170	7	tr		4		tr		tr		—		—		tr		—	—	tr	tr	—	1	2	tr
													Total		1	0.1	44	5.5	tr	—	tr	—	—	—	—	—	tr	—	9	1	5	tr	2	12	25	1

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