

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

SOUTH-CENTRAL ALASKA

15294350 -- SUSITNA RIVER AT SUSITNA STATION

Date	Time	Medium code	Stream width, feet (00004)	Location in X-sect. looking downstrm ft from l bank (00009)	Gage height, feet (00065)	Startng time, 24 hour clock, hr:min (82073)	Ending time, 24 hour clock, hr:min (82074)	Instantaneous discharge, cfs (00061)	Sampler type, code (84164)	Sampling method, code (82398)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Suspended sediment concentration mg/L (80154)
OCT													
25...	1501	9	1440	--	8.59	1501.00	1549.00	37200	3055	20	1.5	4.0	280
25...	1632	9	1440	30.0	8.59	1632.00	1742.00	37200	1110	1000	1.5	4.0	--
25...	1805	H	1440	--	8.59	1805.00	1838.00	37200	8010	--	1.5	4.0	--

Date	Suspended sediment discharge, tons/d (80155)	Suspended sediment, sieve diameter percent <.063mm (70331)	Bedload discharge, tons/d (80225)	Bedload sediment discharge unit cmposit measmnt t/d/ft (04122)	Compstd samples in x-sec bedload number (04118)	Number of sampling points, count (00063)	Verticals in composite sample, number (04119)	Horizontal width of vertical, feet (04121)	Rest time on bed for bed load sample, seconds (04120)	Bag mesh size, bedload sampler mm (30333)	Bedload sediment, sieve diameter percent <.063mm (80226)	Bedload sediment, sieve diameter percent <.125mm (80227)	Bedload sediment, sieve diameter percent <.25mm (80228)
OCT													
25...	28100	17	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	437	.30	2	1	19	20.0	30	.025	.0	1	10
25...	--	--	--	--	2	1	21	70.0	--	--	--	--	--

Date	Bedload sediment, sieve diameter percent <.5 mm (80229)	Bedload sediment, sieve diameter percent <1 mm (80230)	Bed sediment, dry svd sve dia percent <.063mm (80164)	Bed sediment, dry svd sve dia percent <.125mm (80165)	Bed sediment, dry svd sve dia percent <.25mm (80166)	Bed sediment, dry svd sve dia percent <.5 mm (80167)	Bed sediment, dry svd sve dia percent <1 mm (80168)	Bed sediment, dry svd sve dia percent <2 mm (80169)	Bed sediment, dry svd sve dia percent <4 mm (80170)	Bed sediment, dry svd sve dia percent <8 mm (80171)	Bed sediment, dry svd sve dia percent <16 mm (80172)	Bed sediment, dry svd sve dia percent <32 mm (80173)	Bed sediment, dry svd sve dia percent <64 mm (80174)
OCT													
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
25...	98	100	--	--	--	--	--	--	--	--	--	--	--
25...	--	--	.0	2	12	73	86	88	89	90	92	94	100