## REACH CHARACTERIZATION FIELD DATA SHEET

STREAM NAME		LOCATION	
REACH ID#		RIVER BASIN	
UTM (us end) N	E	TOPOS	
UTM (ds end) N	Е	STREAM ORDER	ELEVATION
INVESTIGATORS			
FORM COMPLETED	ВУ	DATE TIME	ASSOCIATED SITE ID #s
WEATHER CONDITIONS	Now  storm (heav rain (steady showers (inte modern colors)	yy rain)	Has there been a heavy rain in the last 7 days?  Yes No  Air Temperature C  Other
STREAM MORPHOLOGY	Stream Subsystem     Perennial    Intermi     Stream Origin     Glacial     Non-glacial montane     Swamp and bog	☐ Spring-fed ☐ Mixture of origins	Reach Type  Riffle-Pool  Riffle-Pool  Bedrock w/alluvial veneer  Step-Pool  Bedrock  Rosgen Type
WATERSHED FEATURES		-	Local Hydrologic Alterations  No Evidence Augmentation Dam/Retention Channelization Diversion Other
SEDIMENT SOURCES	Timber Harvesting  Yes No Mining (Hardrock / Place Yes No Grazing and/or Agricult Yes No Evidence of Fire Yes No EROSIONAL FEATURES Local Hillslopes No Evidence	Iture    Major gullying/rilling   Mass wasting (slides,d ng Other channel directly?   Is the composition of the compositi	Roads and related features  No Evidence Culvert/Bridge debris) Unpaved Ditch/Roadcut Paved Other Does sediment reach channel directly? Yes No channel armored? Evidence of bank undercutting? Yes No nt of streambank with deep binding root mass
	DEPOSITIONAL FEATU Pool In-filling Lee (DS) deposits Channel bars	PRES □ Floodplain Deg	>85%  □85-65%  □65-35%  □<35% egree of instream sedimentation □ None □ Low □ Medium □ High
CHANNEL FEATURES	Estimated Reach Ler Average Stream Widt Average Stream Dep Sampling Reach Area Estimated Manning's	othm an	Canopy Cover  Open Partly shaded Shaded  Proportion of Reach Represented by Stream Morphology Types  Riffle% Run%  Pool%

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RIPARIAN VEGETATION	Indicate the dominant type and record the dominant species present  ☐ Trees ☐ Shrubs ☐ Grasses ☐ Herbaceous  dominant species present  Extent of Riparian Buffer Zone Width of Riparian Buffer Zone Riparian Vegetation Age ☐ None ☐ < 1 Channel width ☐ Immature (< 5yrs) ☐ Fragmentary ☐ 1-5 Channel widths ☐ Established (5-30 yrs) ☐ Continuous ☐ > 5 Channel widths ☐ Mature/Old Growth (>30 yrs)  Extent of vegetation encroachment into stream channel ☐ None ☐ Minimal ☐ Moderate ☐ Heavy ☐ Extreme			
LARGE WOODY DEBRIS	□ Not Present □ Present in Cutbank □ Present in Channel  Density of LWDm²/km² (area of LWD/ reach area)			
AQUATIC VEGETATION	Indicate the dominant type  ☐ Rooted emergent ☐ Rooted submergent ☐ Rooted floating ☐ Free floating ☐ Floating Algae ☐ Attached Algae  Portion of the reach with aquatic vegetation%			
WATER QUALITY	Temperature C			
DISCHARGE	Velocity-Area Method  Distance from velocity Discharge (cms) Notes  Notes  Notes			
	Total Discharge (cms)  Float Method Float Width (m) Avg Depth (m) Distance (m) Time (s) Discharge (cms)			
	XS 1 XS 2  Estimated Discharge (cms)			