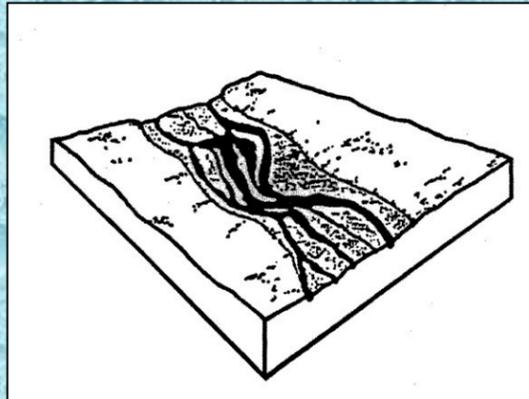


## Glacial Outwash Process Group



Glacial outwash channels are alluvial channels with gradients less than 3%. Being associated with glaciers these streams carry turbid water with extremely high sediment loads, except for peri-glacial subalpine cirque basin channels. Riparian areas are wide and may extend for more than one thousand meters in large braided outwash plain river systems

Stream Gradient – 3% or less  
Hydrologic Function: sediment transport  
Stream Class: I or II

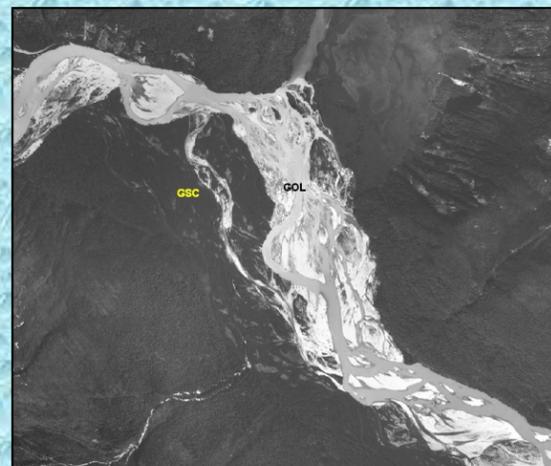


Channel Type	Label	Former Label
Glacial Alluvial Fan Channel	GAF	AF8
Glacial Outwash Estuarine Channel	GES	ES8
Large Braided Glacial Outwash Channel	GOB	GO3
Cirque Channel	GOC	GO5
Large Meandering Glacial Outwash Channel	GOL	GO2
Medium Glacial Outwash Channel	GOM	GO4
Small Glacial Outwash Channel	GOS	n/a
Glacial Outwash Side Channel	GSC	GO1

Berner's Bay near Juneau, AK, Lace, Antler and Gilkey Rivers.

Orthophoto view of GSc and GOL channels.

Management Concerns for:						
CT	Large Wood	Sediment Retention	Stream Bank Sensitivity	Sideslope Sensitivity	Floodplain Protection	Culvert Fish Passage
GAF	L	M	H	N/A	H	N/A
GES	L	H	H	N/A	H	H
GOB	M	H	H	N/A	H	N/A
GOC	N/A	M	M	L	L	N/A
GOL	M	M	M	L	M	N/A
GOM	L	M	M	L	M	L
GOS	NO DATA					
GSC	M	M	H	N/A	H	M



Management Indicator Species Ratings														
CT	Coho		Pink		Chum		Sockeye		Chinook		Dolly Varden		Steelhead	
	ASA	ARA	ASA	ARA	ASA	ARA	ASA	ARA	ASA	ARA	ASA	ARA	ASA	ARA
GAF	N	N	N	N	L	N	L	N	N	N	L	L	N	N
GES	N	N	N	N	N	N	N	M	N	N	N	N	N	N
GOB	M	M	L	N	M	N	M	M	M	M	L	L	N	N
GOC	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOL	L	L	N	N	M	N	M	L	M	M	L	H	N	N
GOM	L	L	N	N	L	N	L	N	L	L	M	M	N	N
GOS	No Data													
GSC	M	H	N	N	M	N	M	M	M	M	L	L	N	N