

↓ CK

Presence of fan
Transporting material up to ~128mm
Quite a bit of sand
Range of gravels up to 128
Fan worked over by ice
↳ ice adding coarse fraction
Channel downcutting through fan deposits

Although active fan C at's end of
Jay CK where defined small channel
and head cut are - most of the
fan material is deposited in
floodplain ups and causing sheet
flooding @ the upstream end
of CK. compared to S1.
Braiding occurring in sediment deposited
in floodplain

Old channel completely filled
in sediment + LWD
episodic event

A lot of angular material
↳ likely sourced from punky bedrock
observed from Susitna just W/S of RM 212

8/15/14

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1254 - indication of transported material
on fan

1259 - most indicative of ^{sediment} transported

1260 - ice shear to mature veg. line.

1261 - skew bar in channel - head
cut. @ top end

1262 - ramped cut - cohesive right bank
material - not eroding

-1263 - material in creek
↳ fine to medium gravel/loam
above head cut
N 64 mm max
H₂O from floodplain

1264 - channel wide of jams → avulsed
1265 ground deposition in trees
1266 HWM ~ 2' above ground

1267 - channel wide of jams → avulsed
1268 - ground deposition in trees
1269 HWM ~ 2' above ground
1270

Rate in the Rain

1271
1272

previous channel now
old filled-in

1273

view d/s - prev. chan bed 75'
below height of where pit fallen

1274

flows more over repaired surface.
would take long time if armored
layer down cut @ all

1275

Lower sediment (gravel) depos. in
filled in channel (but now packed
above sheet flow and ck. may
able to transport them

Very unstable

Rate in the Rain