



OBSERVATION INFO Observer Name: _____ Site ID: **S**TATUS Observation Date: o Active o Abandon **BEAVER BUILT DAMS?** o Historic/Relic O Beaver-only Built Dams **CONFIDENCE IN STATUS** Beaver Dam Analogue (manmade) o Mix of beaver-built and manmade o Certain - Documented Evidence o Probable - Strong Evidence **COMPLEX TYPE:** O Possible - Anecdotal or Inconclusive Evidence o Single Dam only O Unsure - Just a guess Primary + One or More Secondary Multiple Possible Primaries + One or More Secondary FLOW CONDITION o Baseflow **OBSERVATION CHRONOLOGY** Spring runoff New Observation of New Complex o Flood First Observation of Existing Complex o Post Flood o First Observation of Relic Complex Repeat Observation of Existing Complex **POSITIONAL ATTRIBUTES LOCATION OF PRIMARY DAM COMPLEX SIZE GPS UTM Easting:** Number of Primary Dams: GPS UTM Northing: Number of Secondary Dams: COMPLEX LOCATION RELATIVE TO CHANNEL(S) **POSITION OF DAMS** □ On Main Channel Primary Dam Location: □ Top □ Bottom □ In-between □ On Right Side Channel(s) Number of Secondary Dams Upstream of Primary: □ On Left Side Channel(s) Number of Secondary Dams Downstream of Primary:____ ☐ On Left Floodplain ☐ On Right Floodplain DAM COMPLEX ATTRIBUTES AT TIME OF SURVEY (IF APPLICABLE) Primary dam max height (m) +/- 0.1 m Pond depth range (m) +/- 0.1 m Primary pond max depth (m) +/- 0.1 m Primary water surface drop (m) (m) +/- 0.1 m Primary dam crest length (m) (m) +/- 1 m _____ Dam height range (m) +/- 0.1 m o 25 - 50 m o < 25 m o 50 - 100 m **SIDE CHANNELS** o 250 - 500 m o 100 -250 m o > 500 m NOW: @ HIGH(ER) TYPICAL FLOOD: **FLOODPLAIN INUNDATION** □ None □ None ☐ During Extreme Floods - River Right ☐ Single Left ☐ Single Left ☐ Multiple Left ☐ Multiple Left □ During Extreme Floods - River Left ☐ Single Right ☐ Single Right ☐ During Seasonal Floods - River Right ☐ Multiple Right ☐ Multiple Right ☐ During Seasonal Floods - River Left □ None □ None ☐ Year Round Inundation - River Right ☐ Year Round Inundation - River Left LATERAL VALLEY BOTTOM EXTENT OF COMPLEX **ESTIMATED COMPLEX AGE** O Limited to within one bankfull channel Occupying multiple bankfull channel 0 < 1 year</p> o 1-3 years Occupying single channel & partial valley bottom w. %_____ o 3-5 years o 5 -10 years Occupying multiple channels & partial valley bottom % _____ o > 10 years o Impacting entire valley bottom width Evidence (optional):

DAM CONDITIONS (IF APPLICABLE) O Major breach (> 25 cm height) on left FLOW TYPES PRESENT (OF WHAT DAMS) O Major breach (> 25 cm height) on right Flow Over Top □ Primary □ Secondary O Major breach (> 25 cm height) on center **Basal Flow** □ Primary □ Secondary Major basal breach Throughflow □ Primary □ Secondary O Blowout (whole height of dam breached) Flow Around Left □ Primary □ Secondary PRIMARY POND CAPACITY Flow Around Right □ Primary □ Secondary o Clean o Minor Sedimentation PRIMARY DAM BREACH OR BLOWOUT O Partial Filling (upto 50% of original pond capacity) o Intact O Major Filling (50% to 95% of original pond capacity) O Minor breach (< 25 cm height) on left Full of sediment (no longer a pond) O Minor breach (< 25 cm height) on right o Minor breach (< 25 cm height) on center o Minor basal breach RECENT BEAVER MAINTEANCE OF COMPLEX: CORN ON THE COB (FORAGING) DAM EXPANSION o Certain - Documented Evidence o Probable - Strong Evidence O Certain - Documented Evidence O Probable - Strong Evidence O Possible - Anecdotal or Inconclusive Evidence O Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess O Unsure - Just a guess No Evidence of Activity No Evidence of Activity **DAM CONSTRUCTION FELLING OF TREES** O Certain - Documented Evidence O Probable - Strong Evidence o Certain - Documented Evidence o Probable - Strong Evidence O Possible - Anecdotal or Inconclusive Evidence O Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess No Evidence of Activity O Unsure - Just a guess No Evidence of Activity DAM MAINTENANCE **HARVESTING OF BRANCHES** o Certain - Documented Evidence O Probable - Strong Evidence O Certain - Documented Evidence O Probable - Strong Evidence O Possible - Anecdotal or Inconclusive Evidence O Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess No Evidence of Activity O Unsure - Just a guess No Evidence of Activity SCENT MOUND SKID TRAIL USAGE O Certain - Documented Evidence O Probable - Strong Evidence O Certain - Documented Evidence O Probable - Strong Evidence O Possible - Anecdotal or Inconclusive Evidence O Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess No Evidence of Activity O Unsure - Just a guess No Evidence of Activity O Certain - Documented Evidence O Probable - Strong Evidence CANAL DIGGING o Possible - Anecdotal or Inconclusive Evidence O Certain - Documented Evidence O Probable - Strong Evidence O Unsure - Just a guess No Evidence of Activity O Possible - Anecdotal or Inconclusive Evidence PRIMARY WOOD HARVESTED O Unsure - Just a guess No Evidence of Activity o Cottonwood o Aspen POND EXCAVATION o Willow o Other Hardwoods o Certain - Documented Evidence o Probable - Strong Evidence o Conifers No active harvesting O Possible - Anecdotal or Inconclusive Evidence ABOVE GROUND LODGE MAINTENANCE OR CONSTRUCTION O Unsure - Just a guess O No Evidence of Activity O Certain - Documented Evidence O Probable - Strong Evidence **DAM NOTCHING** O Possible - Anecdotal or Inconclusive Evidence O Certain - Documented Evidence O Probable - Strong Evidence O Unsure - Just a guess No Evidence of Activity O Possible - Anecdotal or Inconclusive Evidence BANK LODGE MAINTENANCE OR CONSTRUCTION O Unsure - Just a guess No Evidence of Activity o Certain - Documented Evidence o Probable - Strong Evidence DRAINING/FLUSHING O Possible - Anecdotal or Inconclusive Evidence o Certain - Documented Evidence o Probable - Strong Evidence O Unsure - Just a guess O No Evidence of Activi O Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess No Evidence of Activity

OBSERVATION INFO	
	STATUS
Observer Name:	o Active
Site ID:	o Abandon
Observation Date:	o Historic/Relic
OBSERVATION TYPE:	CONFIDENCE IN STATUS
o Beaver Dam	o Certain - Documented Evidence
o BDSS	o Probable - Strong Evidence
O Beaver Activity (no dam)	o Possible - Anecdotal or Inconclusive Evidence
OBSERVATION CHRONOLOGY	o Unsure - Just a guess
o New Observation of New Feature	FLOW CONDITION
 First Observation of Existing Feature 	o Baseflow
 First Observation of Relic Feature 	o Spring runoff
 Repeat Observation of Existing Feature 	o Flood
	o Post Flood
POSITIONAL ATTRIBUTES	
GPS UTM Easting:	
GPS UTM Northing:	PART OF DAM COMPLEX?
	Dam Complex ID
On Main Channel	
o On Right Side Channel(s)	 Start of new dam complex
o On Left Side Channel(s)	 Existing dam complex
o On Left Floodplain	o NA - Isolated Dam
o On Right Floodplain	o NA - Non-Dam
DAM ATTRIBUTES AT TIME OF SURVEY (IF APP	LICABLE)
Max dam height (m) +/- 0.1 m	Water Surface Difference (m) (m) +/- 0.1 m
Max pond depth (m) +/- 0.1 m	Dam Length (m) (m) +/- 1 m
<u> </u>	
DISTANCE UPSTREAM OF POND BACKWATER	FLOODPLAIN INUNDATION
o < 5 m	☐ During Extreme Floods - River Right
o 5 - 10 m	□ During Extreme Floods - River Left
o 10 - 25 m	□ During Seasonal Floods - River Right
o 25 - 50 m	□ During Seasonal Floods - River Left
o 50 - 100 m	☐ Year Round Inundation - River Right
o > 100 m	☐ Year Round Inundation - River Left
SIDE CHANNELS	DAM MATERIALS USED (CIRCLE DOMINANT)
□ None	□Woody branches > 15 cm diameter
□ Single Left	☐ Woody branches < 15 cm diameter
□ Multiple Left	□ Mud
□ Single Right	☐ Grass / Reeds
□ Multiple Right	□ Other organic
POND EXTENT	□ Cobble or Boulders
O Contained within bankfull channel	ESTIMATED DAM AGE
O Expanding out onto floodplain	o < 1 year o 1-3 years
o Drained	o 3-5 years o 5 -10 years
	o > 10 years

DAM CONDITION (IF APPLICABLE) FLOW TYPES POND CAPACITY (Specify Value 0-100%; Sum should be 100%) o Clean Minor Sedimentation Flow Over Top O Partial Filling (upto 50% of original pond capacity) **Basal Flow** O Major Filling (50% to 95% of original pond capacity) Throughflow Full of sediment (no longer a pond) Flow Around Left **DOMINANT SUBSTRATE IN DEEPEST PART OF POND** Flow Around Right O Fines (clays and silts) o Sands Total Check 100%? o Gravels o Cobble **DAM BREACH OR BLOWOUT** o Food Cache & Fines o In-tact **DOMINANT SUBSTRATE AT POND ENTRANCE** O Minor breach (< 25 cm height) on left o Fines (clays and silts) o Sands O Minor breach (< 25 cm height) on right o Gravels o Cobble O Minor breach (< 25 cm height) on center o Food Cache & Fines o Minor basal breach O Major breach (> 25 cm height) on left **NOTES:** O Major breach (> 25 cm height) on right O Major breach (> 25 cm height) on center Major basal breach O Blowout (whole height of dam breached) RECENT BEAVER ACTIVITY: Only answer all questions with respect to recent (past 6 months) CORN ON THE COB (FORAGING) DAM EXPANSION O Certain - Documented Evidence O Probable - Strong Evidence o Certain - Documented Evidence o Probable - Strong Evidence O Possible - Anecdotal or Inconclusive Evidence o Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess No Evidence of Activity O Unsure - Just a guess O No Evidence of Activity **DAM CONSTRUCTION FELLING OF TREES** o Certain - Documented Evidence o Probable - Strong Evidence o Certain - Documented Evidence o Probable - Strong Evidence O Possible - Anecdotal or Inconclusive Evidence O Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess No Evidence of Activity O Unsure - Just a guess No Evidence of Activity DAM MAINTENANCE HARVESTING OF BRANCHES o Certain - Documented Evidence o Probable - Strong Evidence o Certain - Documented Evidence o Probable - Strong Evidence o Possible - Anecdotal or Inconclusive Evidence o Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess No Evidence of Activity O Unsure - Just a guess No Evidence of Activity SCENT MOUND SKID TRAIL USAGE O Certain - Documented Evidence O Probable - Strong Evidence o Certain - Documented Evidence o Probable - Strong Evidence O Possible - Anecdotal or Inconclusive Evidence O Possible - Anecdotal or Inconclusive Evidence O Unsure - Just a guess No Evidence of Activity O Unsure - Just a guess No Evidence of Activity o Certain - Documented Evidence O Probable - Strong Evidence CANAL DIGGING O Possible - Anecdotal or Inconclusive Evidence O Certain - Documented Evidence O Probable - Strong Evidence O Unsure - Just a guess No Evidence of Activity O Possible - Anecdotal or Inconclusive Evidence PRIMARY WOOD HARVESTED O Unsure - Just a guess No Evidence of Activity o Cottonwood o Aspen POND EXCAVATION o Willow o Other Hardwoods o Certain - Documented Evidence O Probable - Strong Evidence o Conifers No active harvesting o Possible - Anecdotal or Inconclusive Evidence ABOVE GROUND LODGE MAINTENANCE OR CONSTRUCTION No Evidence of Activity O Unsure - Just a guess o Certain - Documented Evidence O Probable - Strong Evidence DAM NOTCHING o Possible - Anecdotal or Inconclusive Evidence O Certain - Documented Evidence O Probable - Strong Evidence O Unsure - Just a guess No Evidence of Activity O Possible - Anecdotal or Inconclusive Evidence BANK LODGE MAINTENANCE OR CONSTRUCTION O Unsure - Just a guess No Evidence of Activity o Certain - Documented Evidence O Probable - Strong Evidence DRAINING/FLUSHING O Possible - Anecdotal or Inconclusive Evidence o Certain - Documented Evidence O Probable - Strong Evidence O Unsure - Just a guess No Evidence of Activity

o Possible - Anecdotal or Inconclusive Evidence

No Evidence of Activity

O Unsure - Just a guess

BRAT-cIS - BEAVER DAM CAPACITY ASSESSMENT FORM - ADVANCED

OBSERVATION INFO





Observer Name: Observation Date: Reach ID: ASSESSMENT PURPOSE LOCATION OF ASSESSMENT REACH ☐ Comparison with BRAT-FIS GPS UTM Easting: ☐ Assess risk of nuisance beaver dam building GPS UTM Northing: _____ ☐ Support Beaver Restoration Planning or Design Stream Name: **ASSESSMENT TYPE** Site Visit – Contemporary Conditions LENGTH OF REACH O Site Visit – Potential Future Conditions (following restoration) meters OR x bankfull widths VEGETATION CAPACITY TO SUPPORT DAM BUILDING ACTIVITY **SUITABILITY OF STREAMSIDE VEGETATION** SUITABILITY OF RIPARIAN/UPLAND VEGETATION o Unsuitable o Unsuitable o Barely Suitable o Barely Suitable Moderately Suitable Moderately Suitable o Suitable o Suitable o Preferred o Preferred Vegetation within 30 m of water's edge Vegetation within 100 m of water's edge What vegetation types are abundant? What vegetation types are abundant? ☐ Desirable woody (e.g. Aspen, Willow, Cottonwood) ☐ Desirable woody (e.g. Aspen, Willow, Cottonwood) □ Other woody (e.g. conifers, sagebrush) □ Other woody (e.g. conifers, sagebrush) □ Grasses □ Crops □ Ornamentals □ Developed □ □ Grasses □ Crops □ Ornamentals □ Developed DAM DENSITY CAPACITY ASSESSMENT BASED ON SUITABILITY OF VEGETATION ONLY (USE TABLE) O None (no dams) O Rare (0-1 dams/km) Occasional (1-4 dams/km) o Frequent (5-15 dams/km) o Pervasive (15-40 dams/km) COMBINED CAPACITY TO SUPPORT DAM BUILDING ACTIVITY CAN BEAVER BUILD A DAM AT BASEFLOWS? o Probably can build dam HOW DOES THE REACH SLOPE IMPACT THEIR ABILITY OR o Can build dam o Can build dam (saw evidence of recent dams) **NEED TO BUILD DAMS?** Could build dam at one time (saw evidence of relic dams) So steep they cannot build a dam (e.g. > 20% slope) o Cannot build dam (streampower really high) o Probably can build dam Can build dam (inferred) IF BEAVERS BUILD A DAM, CONSIDER WHAT HAPPENS TO o Can build dam (evidence or current or past dams) THE DAM(S) IN A TYPICAL FLOOD (E.G. MEAN ANNUAL FLOOD)?

COMBINED DAM DENSITY CAPACITY ASSESSMENT BASED ON ALL (USE TABLE)

o Dam Persists

O Occasional Blowout

O None (no dams)

o Occasional Breach

o Blowout

- o Rare (0-1 dams/km)
- Occasional (1-4 dams/km)
- o Frequent (5-15 dams/km)
- o Pervasive (15-40 dams/km)

- Maximum Dam Density (dams/km)
- ---- 0 None ---- 0 1 Rare ---- 1 4 Occasional ---- 5 15 Frequent ---- 16 40 Pervasive

one dam might back up water > 0.5 km)

Really flat (can build dam, but might not need as many as

ADDITIONAL ATTRIBUTES STREAMFLOW o Perennial Potentially Intermittent **CHANNEL SETTING** o Intermittent o Potentially Ephemeral o Only Channel o Ephemeral Primary Anabranch Secondary Anabranch or Side Channel IF INTERMITTENT, HOW FAR TO WATER SOURCE> o Backwater 0 < 1 km 0.1 - 5 km0 > 5 km**EVIDENCE OF CURRENT OR PAST BEAVER DAM ACTIVTY?** AGE OF ACTIVITY **HOW MANY DAMS?** o Current How many primary dams? Recent (Past 3 months) How many secondary dams? Past Year (3 – 12 months) TOTAL DAMS: O Relic (Former > 1 year ago) How many dam complexes? TYPES OF ACTIVITY **How Active?** □ Dam Building o All maintained □ Dam Maintenance o Some maintained □ Food Caching Some maintenance but all intact □ Woody Material Harvest O Some maintenance - mixed intact, breached, blown out O No maintenance - but all intact O No maintenance - mixed intact, breached, blown out O No maintenance - all breached or blown out POTENTIAL FOR BEAVER TO POSE A NUISANCE THREAT □ Undesirable harvest of trees PROXIMITY OF REACH TO HUMAN ACTIVITY □ Immediately adjacent to channel & in valley bottom (could be flooded) IF THREATS, ARE THEY EASILY MITIGATABLE? ☐ Adjacent to channel & outside valley bottom (minimal or no flooding threat) ☐ Yes, easy with living with beaver mitigation (e.g. pond-☐ Adjacent but outside valley bottom of reach levelers, caging, deterrents, etc.) ☐ In upstream reach's valley bottom □ Could be mitigated (but difficult) ☐ In downstream reach's valley bottom ☐ Live-Trapping an option TYPES OF HUMAN ACTIVITY **AVAILABILITY OF GOOD HABITAT NEARBY** □ Road □ Bridge □ Culvert □ Weir □ Point of Diversion □ Residential ☐ Reaches within 5 km upstream with good habitat and □ Commercial / Industrial □ Agriculture (arable or irrigated) minimal conflict (i.e. expansion zone) □ Ag. (orchard/vineyard) □ Ag (pasture / ranching) ☐ Reaches within 5 km downstream with good habitat and minimal conflict (i.e. expansion zone) Notes: □ Reaches within 5 km upstream with good habitat and considerable conflict (i.e. expansion zone) □ Reaches within 5 km downstream with good habitat and POTENTIAL THREATS OF BEAVER DAMS IN REACH considerable conflict (i.e. expansion zone) ☐ Backwater flooding (from crest elevation of dam) ☐ Expansion zones > 5 km away but < 20 km away ☐ Elevated water tables threatening infrastructure ☐ Likely human-beaver conflict zones > 5 km, but < 20 km ☐ Damage to infrastructure from blowout away

□ Clogging (of culverts, stormdrains, etc.)

INFERENCE SYSTEM OF CAPACITY BASED ON VEGETATION ONLY

 Table 2

 Rule table for two input fuzzy inference system that models the capacity of the riverscape to support dam building activity (in dam density) using the suitability of streamside vegetation and suitability of riparian/upland vegetation as inputs.

	If	Inputs	Output				
		Suitability of streamside vegetation		Suitability of riparian/upland vegetation		Dam density capacity	
Rules	1	Unsuitable	82	Unsuitable	, then	None	
	2	Barely suitable	&	Unsuitable	, then	Rare	
	3	Moderately suitable	82	Unsuitable	, then	Occasional	
	4	Suitable	82	Unsuitable	, then	Occasional	
	5	Preferred	&	Unsuitable	, then	Occasional	
	6	Unsuitable	&	Barely suitable	, then	Rare	
	7	Barely suitable	82	Barely suitable	, then	Occasional	
	8	Moderately suitable	8	Barely suitable	, then	Occasional	
	9	Suitable	82	Barely suitable	, then	Frequent	
	10	Preferred	82	Barely suitable	, then	Frequent	
	11	Unsuitable	&	Moderately suitable	, then	Occasional	
	12	Barely suitable	82	Moderately suitable	, then	Rare	
	13	Moderately suitable	82	Moderately suitable	, then	Frequent	
	14	Suitable	&	Moderately suitable	, then	Frequent	
	15	Preferred	82	Moderately suitable	, then	Pervasive	
	16	Unsuitable	82	Suitable	, then	Rare	
	17	Barely suitable	82	Suitable	, then	Frequent	
	18	Moderately suitable	&	Suitable	, then	Frequent	
	19	Suitable	82	Suitable	, then	Frequent	
	20	Preferred	82	Suitable	, then	Pervasive	
	21	Unsuitable	82	Preferred	, then	Occasional	
	22	Barely suitable	82	Preferred	, then	Frequent	
	23	Moderately suitable	&	Preferred	, then	Frequent	
	24	Suitable	&	Preferred	, then	Pervasive	
	25	Preferred	&	Preferred	, then	Pervasive	

COMBINED INFERENCE SYSTEM:

 Table 3

 Rule table for three input fuzzy inference system that model the capacity of the riverscape to support dam building activity (in dam density) using the vegetative dam density capacity (output of Table 2 model), baseflow stream power, and the two-year flood stream power.

	If	Inputs							Output	
		Vegetative dam density capacity (FIS)		Baseflow stream power		2-year flood stream power		Reach slope (%)		Dam density capacit
ules	1	Unsuitable	82	_	82	_	82	-	, then	None
	2	_	8	Cannot build dam	&	_	8	-	, then	None
	3	_	82	_	8	_	82	Cannot build dam	, then	None
	4	Rare	8	Can build dam	&	Dam persists	8	-	, then	Rare
	5	Occasional	82	Can build dam	8	Dam persists	&	_	, then	Occasional
	6	Frequent	82	Can build dam	82	Dam persists	82	Can build dam	, then	Frequent
	7	Frequent	82	Can build dam	82	Dam persists	82	Probably can build dam	, then	Occasional
	8	Pervasive	&	Can build dam	&	Dam persists	&	Really flat	, then	Pervasive
	9	Pervasive	8	Can build dam	&	Dam persists	8	Can build dam	, then	Pervasive
	10	Pervasive	82	Can build dam	82	Dam persists	82	Probably can build dam	, then	Occasional
	11	Rare	&	Can build dam	&	Occasional breach	&	_	, then	Rare
	12	Occasional	8	Can build dam	82	Occasional breach	82	_	, then	Occasional
	13	Frequent	82	Can build dam	8	Occasional breach	&	Can build dam	, then	Frequent
	14	Frequent	82	Can build dam	82	Occasional breach	82	Probably can build dam	, then	Occasional
	15	Pervasive	82	Can build dam	82	Occasional breach	82	Really flat	, then	Occasional
	16	Pervasive	&	Can build dam	82	Occasional breach	&	Can build dam	, then	Frequent
	17	Pervasive	8	Can build dam	82	Occasional breach	82	Probably can build dam	, then	Occasional
	18	Rare	&	Can build dam	&	Occasional blowout	&	_	, then	Rare
	19	Occasional	&	Can build dam	&	Occasional blowout	&	_	, then	Occasional
	20	Frequent	82	Can build dam	8	Occasional blowout	8	Can build dam	, then	Frequent
	21	Frequent	82	Can build dam	82	Occasional blowout	82	Probably can build dam	, then	Occasional
	22	Pervasive	82	Can build dam	82	Occasional blowout	82	Really flat	, then	Occasional
	23	Pervasive	8	Can build dam	8	Occasional blowout	8	Can build dam	, then	Frequent
	24	Pervasive	8	Can build dam	82	Occasional blowout	8	Probably can build dam	, then	Occasional
	25	Rare	82	Can build dam	8	Blowout	&	_	, then	None
	26	Occasional	82	Can build dam	82	Blowout	82	_	, then	Rare
	27	Frequent	8	Can build dam	&	Blowout	8	Can build dam	, then	Rare
	28	Frequent	8	Can build dam	82	Blowout	8	Probably can build dam	, then	None
	29	Pervasive	82	Can build dam	8	Blowout	82	Really flat	, then	Rare
	30	Pervasive	8	Can build dam	8	Blowout	8	Can build dam	, then	Occasional
	31	Pervasive	82	Can build dam	8	Blowout	82	Probably can build dam	, then	Rare
	32	Rare	8	Probably can build dam	82	Occasional breach	8	-	, then	Rare
	33	Occasional	82	Probably can build dam	8	Occasional breach	8	_	, then	Occasional
	34	Frequent	82	Probably can build dam	82	Occasional breach	8	Can build dam	, then	Frequent
	35	Frequent	8	Probably can build dam	8	Occasional breach	8	Probably can build dam	, then	Occasional
	36	Pervasive	82	Probably can build dam	8	Occasional breach	82	Really flat	, then	Occasional
	37	Pervasive	82	Probably can build dam	82	Occasional breach	82	Can build dam	, then	Frequent
	38	Pervasive	8	Probably can build dam	8	Occasional breach	8	Probably can build dam	, then	Occasional
	39	Rare	8	Probably can build dam	82	Occasional blowout	8	-	, then	Rare
	40	Occasional	8	Probably can build dam	82	Occasional blowout	82	_	, then	Occasional
	41	Frequent	8	Probably can build dam	8	Occasional blowout	8	Can build dam	, then	Occasional
	42	Frequent	82	Probably can build dam	8	Occasional blowout	8	Probably can build dam	, then	Rare
	43	Pervasive	8	Probably can build dam	82	Occasional blowout	8	Really flat	, then	Occasional
	44	Pervasive	8	Probably can build dam	8	Occasional blowout	82	Can build dam	, then	Frequent
	45	Pervasive	82	Probably can build dam	8	Occasional blowout	82	Probably can build dam	, then	Occasional
	46	Rare	8	Probably can build dam	8	Blowout	8	-	, then	None
	47	Occasional	82	Probably can build dam	8	Blowout	82	_	, then	Rare
	48	Frequent	8	Probably can build dam	8	Blowout	82	Can build dam	, then	Rare
	49	Frequent	82	Probably can build dam	8	Blowout	82 82	Probably can build dam	, then	None
	50	Pervasive	82	Probably can build dam	8	Blowout	82	Really flat	, then	Rare
	51	Pervasive	82	Probably can build dam	8:	Blowout	82	Can build dam	, then	Occasional
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LOCATION INFORMATION

SURVEY INFO.	Survey Location	
SiteID	Start Easting	Northing
Stream Name	End Easting	Northing
Survey Date		

CHANNEL FEATURE SURVEY

Feature #	Primary / Secondary Channel	Beaver Forced	Unit Type	Length (m)	Width (m)	Depth (m)	% Shaded	Dominate Substrate	Notes
1	Sec	Y	Dam	0,8	3,4	apri	appro	Sticks	Height of 0.5 m