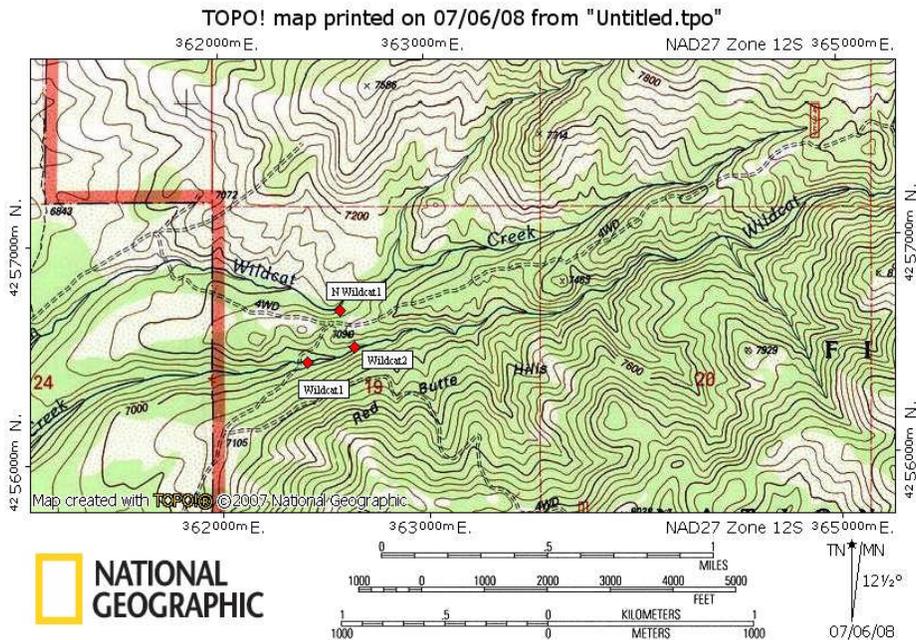


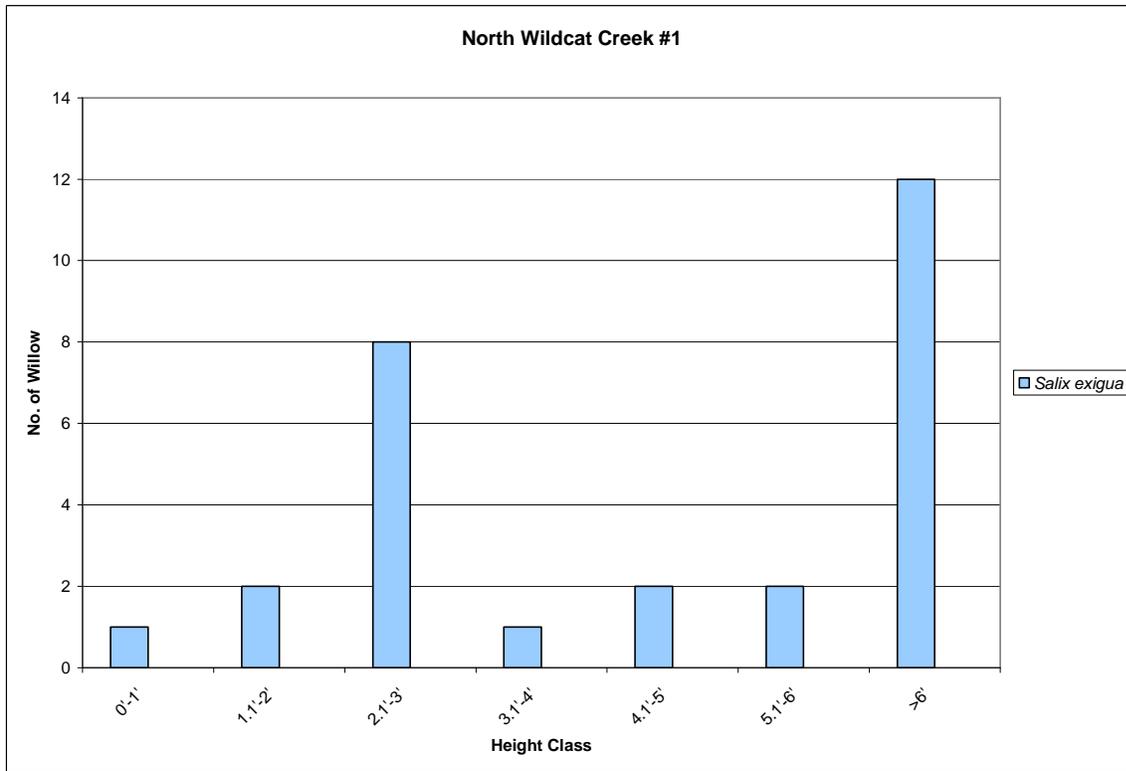
## NORTH WILDCAT CREEK #1 – May 9, 2008

North Wildcat Creek #1 is located in a discrete patch (approx. 150' long and 9' wide) of old coyote willow (Fig. 2); willow is not otherwise seen in this largely denuded, eroded reach (Figs. 1 and 3), and younger willow at the downstream and upstream edges of the patch are being browsed heavily. The tallest willow leaders (i.e., <6') are 66.7% browsed (93.3% browsed or dead), and 90% of the subleaders are browsed. Cattle sign is present.



<b>WILDCAT CREEK #1 (WC1)</b>	May 9, 2008 Hoskisson/O'Brien
Fishlake NF/Beaver RD	<b>Allotment:</b> Pine Creek/Sulphurbeds <b>Pasture:</b> Wildcat
<b>Stake:</b> 12N 0362583 E 4256677 N NAD CONUS 27 Upstream	<b>Elevation:</b> 7,346'
<b>Aspect:</b> N	<b>Animal sign:</b> Cow patties. Heard a wild turkey
<b>Ave. Width Riparian Area:</b> 16'	
<b>Dominant vegetation:</b> Bare soil predominates. Gambel's oak, Rocky Mtn. juniper, <i>Artemisia tridentata</i> , <i>Hydrophyllum capitatum</i> .	
<b>Other notes:</b> This transect is in Reach #A23-3 in the 2003 Level II Riparian Inventory (Petty 2003); Petty described North Wildcat Creek conditions as follows: "Instability was generally caused from the lack of streambank vegetation, mass wasting, and raw and eroding channels. This stream had the worst mean stability score of any we surveyed during this field season.	

“The three highest elevation reaches were not flowing water and had fine colluvial deposition in the channel, and 10-15 foot incisions. The entire channel of this creek is used as a cattle trail.”



North Wildcat Creek #1			
16 <i>Salix exigua</i> <6'			
13 <i>S. exigua</i> >6'			
% tall leaders browsed	% tall leaders browsed or dead	% subleaders browsed	% subleaders browsed or dead
<i>Salix exigua</i>	<i>Salix exigua</i>	<i>Salix exigua</i>	<i>Salix exigua</i>
66.7	93.3	90.0	90.0

**Width Willow >6' tall**

24" (N=12)



Fig. 1 Transect from downstream end; note bare soil above willows



Fig. 2 Old coyote willows holding bank edge; note erosion at right where willows sparse



**Fig. 3 Bare, trampled soil upslope of willow patch**

### **Reference**

Petty, Jeff. 2003. Little North Creek Area Level II Riparian Inventory. Shell Valley Consulting: Shell, WY.