We seem to be due for another revision of our Prehistoric Bajada Hanging Canal list, perhaps adding a few images and field note links of varying currency.

There are presently two ways to count the canals. Per this study candidates list (now 82) that may include multiple names having missing pieces, some related significant prehistoric water management entities that perhaps are not strictly canals, and a very few discredited listings kept to avoid duplicate efforts. Plus a certified list in the forties of those that are considered strongly validated.

Either way, the total lengths awaiting drone mapping appear likely to well exceed a world class and utterly spectacular ONE HUNDRED MILES!

Possibly significantly more.

A useful paper on these canals remains here, along with extensive coverage here. We are also on Wesrch and ResearchGate.

Starting today with some of the latest...

82. LOWR2 -
Understudied Lower Rincon
Near 32.77355 -109.74263 to 32.77360 -109.74166
Possibly part of still unproven Discovery Park Canal.

81. TBD1 -
Thunderbird Canal
32.74350 -109.73323 to 32.74353 -109.73261
Previously unnamed portion of CC:5:51 under restudy.

80. REY1 -
Reay Canal
32.80623 -109.77622 to 32.82236 -109.77287
Endangered possible Golf Course Canal Destination.
rey1 reay3 reay5

— Bajada Canal Directory 1 —
79. **LPZ1** -
Lopez Canal  
32.82141 -109.76650 to 32.82376 -109.76307  
Discredited - likely a 4wD track.

78. **ARTS1** -
Artesian #1 Canal  
32.75273 -109.72032 to 32.76247 -109.71188  
Flowing historic canal in strong artesian area likely to have seen prehistoric use as well.  
artes1a artes1b artes1c

77. **ARTS2** -
Artesian #2 canal  
32.75288 -109.72043 to 32.75288 -109.72043  
A second but apparently commonly sourced and still flowing historic canal in a strong artesian area. Has possibly been cardinal redirected from original.

76. **TALW2** -
Tailwater2 Canal  
32.83987 -109.91578 to 32.84067 -109.91407  
Discredited - likely historic orchard overflow.

75. **LFEX1** -
Lower Frye Extension  
32.77325 -109.78377 to 32.77428 -109.78270  
Required but unproven link between Frye Complex, Blue Ponds Canal, and Freeman Canal.  
frye_lead200

74. **GCC1** -
Grant Creek Canal  
32.58475 -109.96483 to 32.58877 -109.96758  
South of Mount Graham historic canal that may or may not have had prehistoric origins.

73. **HCC1** -
Hog Canyon Canal  
32.55361 -109.76449 to 32.55407 -109.76414  
South of Mount Graham possibly prehistoric canal currently unexplored. Possibly perennial.
72. CNU1 -  
Canal near UFO Fish Fillets  
32.81428 -109.96678 to 32.81536 -109.96618  
Short canal previously studied by Dr. Neely.  
Location is approximate.

71. CBAE1 -  
Bandelier Artesian Extension  
32.93523 -109.94128 to 32.94158 -109.92112  
Dried up artesian lake may have enormous potential. Definite signs of historic reuse plus possible Bandoleer Canal source.
band2 band3 band4

70. LFC1 -  
Lower Frye Construct  
32.76749 -109.79289 to 32.76824 -109.79178  
Mysterious and unexplained construct may have major prehistoric canal significance. Likely Blue Ponds Canal and Freeman Canal related. Extensive study still needed.
Field notes here and here.
frye100 frye101 frye106 frye108

69. UMC11 -  
Upper Marijilda Canal  
32.70664 -109.77779 to 32.70693 -109.77729  
Smaller hanging canal near Marijilda diversion.

68. DEC1 -  
Deadman East Canal  
32.75295 -109.78502 to 32.75655 -109.77688  
Potentially significant prehistoric canal remains largely unexplored due to difficult access.
Field Notes here and sourcecode here.
deadman3 deadman4 deadman5

67. SCC1 -  
Sand Canal Center Branch  
32.82953 -109.92950 to 32.83441 -109.92705  
Destinations of easily traced canal remain unknown.
Canal apparently uses a natural drainage partial route.
Field notes here and sourcecode here.
sand19 sand30
66. **SCW1**  
*Sand Canal Western Branch*  
32.82953 -109.93063 to 32.83441 -109.92705  
Destinations of easily traced canal remain unknown.  
Field notes [here](#) and sourcecode [here](#).  
sand40

65. **SR1**  
*More Spear Ranch Work*  
32.83348 -109.91548 and 32.83616 -109.91440  
Additional survey required north of Lefthand.

64. **PRM1**  
*P Ranch Mysteries*  
32.61817 -109.72829 to 32.61611 -109.72809  
Additional survey required beyond Veech.

63. **UF01**  
*UFO Fish Fillets*  
N 32.81203 W 109.97330 to N 32.82299 W 109.96420  
A highly atypical apparent CCC project that may or may not have had prehistoric origins.  
ufooff

62. **BDC1**  
*Bandelier Canal*  
N 32.94446 W 109.91120 to N 32.94677 W 109.91317  
Appears to be deep vee riverine canal possibly linked to artesian source at 32.93522 -109.94131 but apparently unrelated to most mountain stream fed resources.

61. **GRD2**  
*The grids*  
Near N 32.78651 W 109.74353 to N 32.79408 W 109.75260  
rectangular agave farming arrays. Many thousands north of the Gila river, a few hundreds south. Not directly canal related, but enormously significant area features.  
bestgrid

60. **BSC1**  
*Bear Springs Scam*  
N 32.85049 W 109.94399 to N 32.87226 W 109.92596  
Apparent scam huge historic canal from a source highly unlikely to have been prehistorically ignored. The history part needs resolved first as the present canal is much too large.  
Field notes [here](#) and sourcecode [here](#).
59. NWD1 -
Nuttall Watershed Diversion
N 32.77471 W 109.95411 to N 32.77774 W 109.95532

58. SWC1 -
Sand Wash Canal
32.81238 -109.94797 to N 32.83508 W 109.92274
Ideal short tour candidate has nearly everything including easy access. May be prototype as final channel minuscule. Mysterious historic "cluttering" with random "stuff". Tri branched. Field notes here and sourcecode here.

57. MR1 -
Mystery Reach
N 32.81793 W 109.90207 to N 32.82478 W 109.90003
Once convincing aerial evidence field verified more as a disused vehicle two track. Largely discredited.

56. LMC1 -
Lamb Tank Canal
N 32.81196 W 109.92310 to N 32.81445 W 109.92266
Difficult access. Additional study required.

55. SLC1 -
South Lefthand Canal
32.83101 W 109.91453 to N 32.83366 W 109.91555
Yet to be verified aerial image.

54. LWC1 -
Lefthand West Canal
N 32.82077 W 109.91835 to N 32.82564 W 109.91851
Prehistoric original adapted for historic field reuse. Field note here and sourcecode here.

53. MLC1 -
Main Lefthand Canal Complex
N 32.80850 W 109.91812 to N 32.81680 W 109.91872
Shorter canal segments primarily used for end use delivery. Paper here.
52. **TGC1** -
Tugood Canal
N 32.80923 W 109.87115 to 32.82100 -109.86675
Most impressively pristine of the known hanging canals. Superb restoration candidate. Field note [here](#) and sourcecode [here](#).

51. **MWD1** -
Minor Webster Ditch
N 32.79771 W 109.87296 to N 32.81310 W 109.86638
Historically redeveloped canal shows reasonable evidence of unmodified prehistoric origins. Somewhat paired with the Tugood Canal. Field note [here](#) and sourcecode [here](#). minor1 minor2

50. **CNW1** -
Cluff Northwest Canal Complex
N 32.82494 W 109.84652 to N 32.83635 W 109.84302
Strongly redeveloped canal system includes convincingly authentic prehistoric reaches. Older field note [here](#) and sourcecode [here](#).

49. **CSW1** -
Cluff Southwest Canal
N 32.81586 W 109.84971
Branches from the Smith Canal takein on Ash Creek. Still unexplored. Likely a short destination.

48. **STC1** -
Smith Tank Canal
N 32.81870 W 109.84689 to N 32.82055 W 109.84458
Likely has unproved prehistoric original. Field notes [here](#) and sourcecode [here](#). smith1 smith2 smith3 smith4 smith5

47. **LMT** -
Lower Mud Trace
N 32.80803 W 109.84448 to N 32.81882 W 109.84093
Aerial images appear to be field verified as a historic two track. Largely discredited.

46. **JEC1** -
Jernigan Canal
N 32.82765 W 109.81953 to N 32.84131 W 109.81649,
One of few canals with obvious destination. Conspicuous hanging portion, habitation sites. Three "U" turns. Portions still unaccounted for. Field note [here](#) and sourcecode [here](#). jern1
45. MST1 -
Mud Springs Tank
N 32.82766 W 109.81896.
Apparently historic construct would seem to demand Mud Springs Canal for its water.

44. MJB1 -
Mud Jernigan Branching Point
N 32.82765 W 109.81953.
Apparent location of the beginning of the Jernigan Canal, branching off the Mud Springs Canal. Three portions of the route remain unresolved.

43. THP1 -
Troll House strange structure
N 32.82538 W 109.82281.
Enigmatic pithouse like mud springs canal related structure lacks charcoal evidence and is intimately mud springs canal related.

42. MSC1 -
Mud Springs Canal
Major canal system branches to Jernigan, includes several hanging portions and spectacular proven watershed crossing. Plus a troll house. Destination remains unknown.
Field note here and sourcecode here.

41. ACF1 -
Ash Creek Feeder to Mud Springs
Source for Mud Springs canal via proven spectacular watershed crossing but not yet fully explored. Possibly obliterated by Tropical Storm Octave.

40. CUC1 -
Culebra Cut
Spectacular major cut in Allen Canal below historic dam. One of the three largest known hanging bajada canal constructs. Others include the HS Canal and the aqueduct. Allen field notes here and sourcecode here. Dam failure docs here.
39. ALD1 - Allen Dam Failure
   N 32.83324 W 109.79383
   Back in its water skiing (!) days, might have been fed by the Allen Canal. GuruGram [here](#).

38. ALC1 - Allen Canal
   Major prehistoric canal possibly includes Frye Watershed crossing. Includes impressive Culebra Cut Destination remains unknown. Earlier field notes [here](#) and sourcecode [here](#).

37. RBC1 - Robinson Ranch Canal
   N 32.75997 W 109.81147 to N 32.79930 W 109.79027
   Major hanging canal with strong down = up illusion sources from Lower Frye Mesa ponding area. Relation to Reay Canal not yet resolved.
   Field notes [here](#) and sourcecode [here](#).

36. TAP1 - Twin Artesian Ponds
   No obvious links to nearby Golf Course Canal, but unlikely to have been prehistorically ignored.

35. GCC1 - Golf Course Canal
   N 32.79811 W 109.78286 to N 32.79895 W 109.77587
   Major prehistoric canal serviced Daley Estates area.
   Includes hanging portions. Some routings remain unknown. Likely related to HS Canal and Riggs Canyon and Reay Canal. Field notes [here](#) and source code [here](#).

34. RGC1 - Riggs Mesa Area Braided Channels
   Area of N 32.77763 W 109.78729 to N 32.77831 W 109.78694
   Enigmatic channels may be routing between HS Canal and Golf Course Canal. Needs work. Field notes [here](#) and sourcecode [here](#).
33. BPC1 -
**Blue Ponds Canal**
Short disused historic pond routing canal is likely a portion of Lower Frye Construct and Freeman Canal. Presently has been "lost" and awaits rediscovery. Includes obvious concrete headgates.

32. LFC1 -
**Earlier Freeman Canal Search**
This initial search for a Blue Ponds to Lower Frye connection was discredited due to horseshoes on an apparent wagon road. See #75 LFEX1 for current interest.

31. HSC1 -
**HS Canal**
Spectacular hanging and counterflowing structure RETURNS water to Frye Creek, possibly sources Golf Course, Blue Ponds, and Freeman Canals. Among the three most major known constructs that include the Aqueduct and the Cuebra Cut. Absolutely and unquestionably world class.

30. FPA1 -
**Lower Frye Mesa Ponding area.**
N 32.75995 W 109.81148.
Gathers in Frye Mesa braided channels to support HS Canal, and Robinson Canal. Also likely still unproven Golf Course, Blue Ponds, Lower Frye, and Freeman Canals. Also still unproven is an upper Frye watershed crossing. Field notes here and sourcecode here.

29. XXXX -
(awaiting reassignment)
28. FWD1 -
Upper Frye Watershed Diversion
Unproven potentially spectacular watershed crossing
seems demanded by HS Canal and others. With any
present alternates lacking credibility. A significant
and obvious watershed crossing has been previously
proven on Mud Springs Canal at 32.79159 -109.85379.

27. LVC1 -
Longview canal
N 32.78956 W 109.75971.
Obvious short wall on otherwise unsupported short canal
segment with local destination. Sourcing unknown and unproven.
Early field note here and sourcecode here.

26. ALS1 -
Alberto’s Signature
near N 32.79690 W 109.75485.
Of the thousands of conflicting CCC structures locally,
this one is the only known one that is autographed in
stone. Associated with Freeman Canal.

25 CKD1 -
Check Dams with Aprons
plus many others Rock diversions across secondary
washes are quite common. While not hanging canal
related, they represent significant water management
features.

24. MRG1 -
Mulch Ring Arrays
N 32.78491 W 109.74642 plus many others.
Typically 2 feet in diameter by one rock high in groups

23. FREM1
Freeman Canal
32.78742 -109.76598 to 32.80030 -109.75078
Potential to become the longest canal. Well defined end use areas.
Seems related but not yet fully connected to Blue Ponds, Lower Frye
Construct HS canal, and possibly Upper Frye watershed diversion.
Older field notes here and sourcecode here.
freeman1 freeman2 freeman3 freeman4 freeman6
freeman7 freeman8 freeman9

— Bajada Canal Directory 10 —
22. **WS1 - Water Spreader Rock Alignments**

Such as 32.78883 W 109.73843 and N 32.79273 W 109.75897 and elsewhere. The more obvious of these are CCC, but prehistoric examples also exist.

21. **DMC1 - Main Deadman Canal**


Still flows in original channel serving cattle tanks. Portions are buried pipeline. Field notes here and sourcecode here.

deadman3 deadman4 deadman5

20. **FMC1 - Frye Mesa Complex**

32.74359 -109.83987 to 32.75998 -109.81156.

Elaborate feeder system accepts water from Frye Creek and Spring Canyon, routing it to Robinson, HS, Lower Frye Complex, Blue Ponds, Freeman, and possibly Golf Course Canals. Field notes here and sourcecode here.

hscan1_map

19. **XXX3 - (awaiting reassignment)**

18. **TBP1 - TB Ponding Area**


Routes under the Lebanon Cemetery, one of two feeders to the TB ponding area.

17. **TWC1 - Twin West Canal**


Hanging canal is second feeder to TB ponding area.

16. **TEC1 - Twin East Canal**

N 32.76068 W 109.73500 to N 32.76472 W 109.73426

Routes under the Lebanon Cemetery, one of two feeders to the TB ponding area.

15. **DPC1 - Discovery Park Canal**

N 32.79267 W 109.72830 to N 32.79450 W 109.72781

Possible feeder to potential Discovery Park fields. Vague - still needs additional verification.
14. TQC1 -
Tranquility Canal
N 32.75754 W 109.73294 to N 32.77477 W 109.72751
Artesian sourced and historic use from presumed original.
Field notes here and sourcecode here.
tranq1 tranq2

13. RIC1 -
Rincon Canal
Marijilda branch possibly becomes Twin West canal.
Further study required, especially mid route.

12. RPC1 -
Roper Canal
Modern feeder to Roper Lake, presumed originally prehistoric. Possible cardinal realignments.

11. HNC1 -
Henry's Canal
Southern branch of main Marijilda, portions unexplored.
Field notes here and sourcecode here.
henry1 henry9

10. SXP1 -
Sixpack Canal
Branch of Marijilda south of access road, still needs work.

9. HMC1 -
High Lebanon Hanging Canal
Spectacular portion hangs mesa edge 200 feet in the air.
Associated with a major aqueduct.
hangcan1 mary2 lebanon_route3

8. MAQ1 -
Marijilda Aqueduct
Delivers between Main Marijilda and High Lebanon. Only known major system aqueduct crosses a saddle. Heavy construction energy comparable to HS Canal and Culebra Cut.
7. SMB1 -
Marijilda Southern Feeder Branches
N 32.71096 W 109.77108 to N 32.71327 W 109.76696
Short delivery and diversion canals south of Main Marijilda.
Needs further work.

6. MAR1 -
Main Marijilda Canal from diversion takein.
N 32.70628 W 109.77702 to N 32.73322 W 109.76149
Major prehistoric development likely sourcing Henry’s,
High Lebanon, TB East, TB West, and Roper Lake.
Still flowing in maintained modern use.

5. UMC1 -
Upper Marijilda Delivery Canals
N 32.70648 W 109.77932 to N 32.70930 W 109.77709
Group of small delivery canals near main Marijilda takein.

4. JAC1 -
Lower Jacobson Hints
N 32.67671 W 109.77610 to N 32.67736 W 109.77472
Largely discredited. Aerial evidence became a fence
line in canal hostile terrain.

3. LDC1 -
Ledford Tank Canal.
N 32.68454 W 109.76209 to N 32.69198 W 109.72801
Jacobson Canyon to middle of Ledford Mesa.
Apparently still in modern use, difficult access.

2. GTC1 -
Goat Tank Canal
N 32.68467 W 109.76160 to N 32.68914 W 109.72106
Jacobson Canyon to south edge of Ledford Mesa.
Apparently still in modern use, difficult access. Partial
private lands. Includes curious historic pipeline.

1. VCN1 -
Veech Canal
N 32.64151 W 109.74348 to N 32.64386 W 109.74218
From middle Veech Canyon to possible P Ranch Fields.
Only preliminary explored, should be significant.
 Entire canal is on CNF lands.
Field notes here and sourcecode here.
veech4 veech5