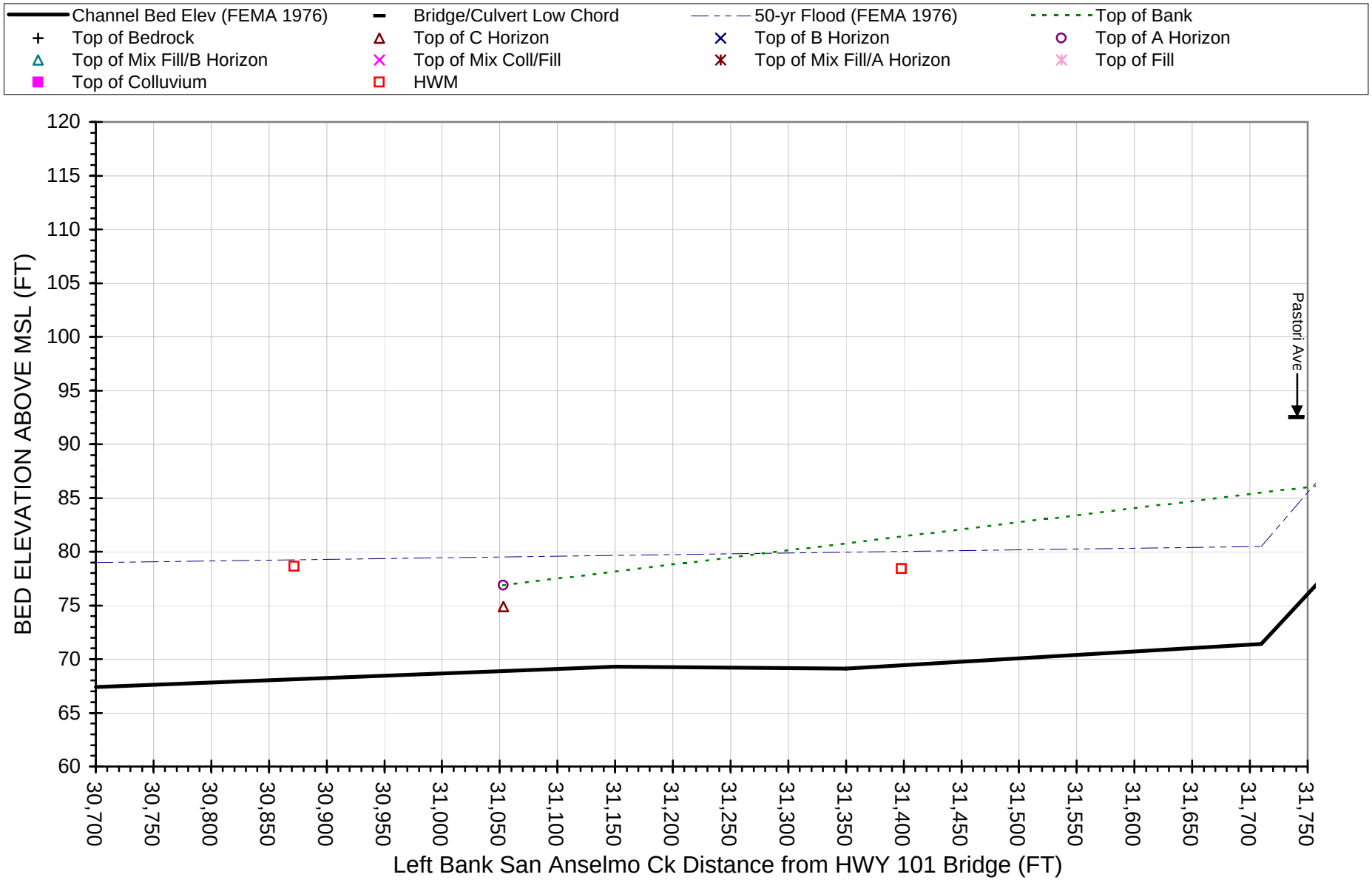
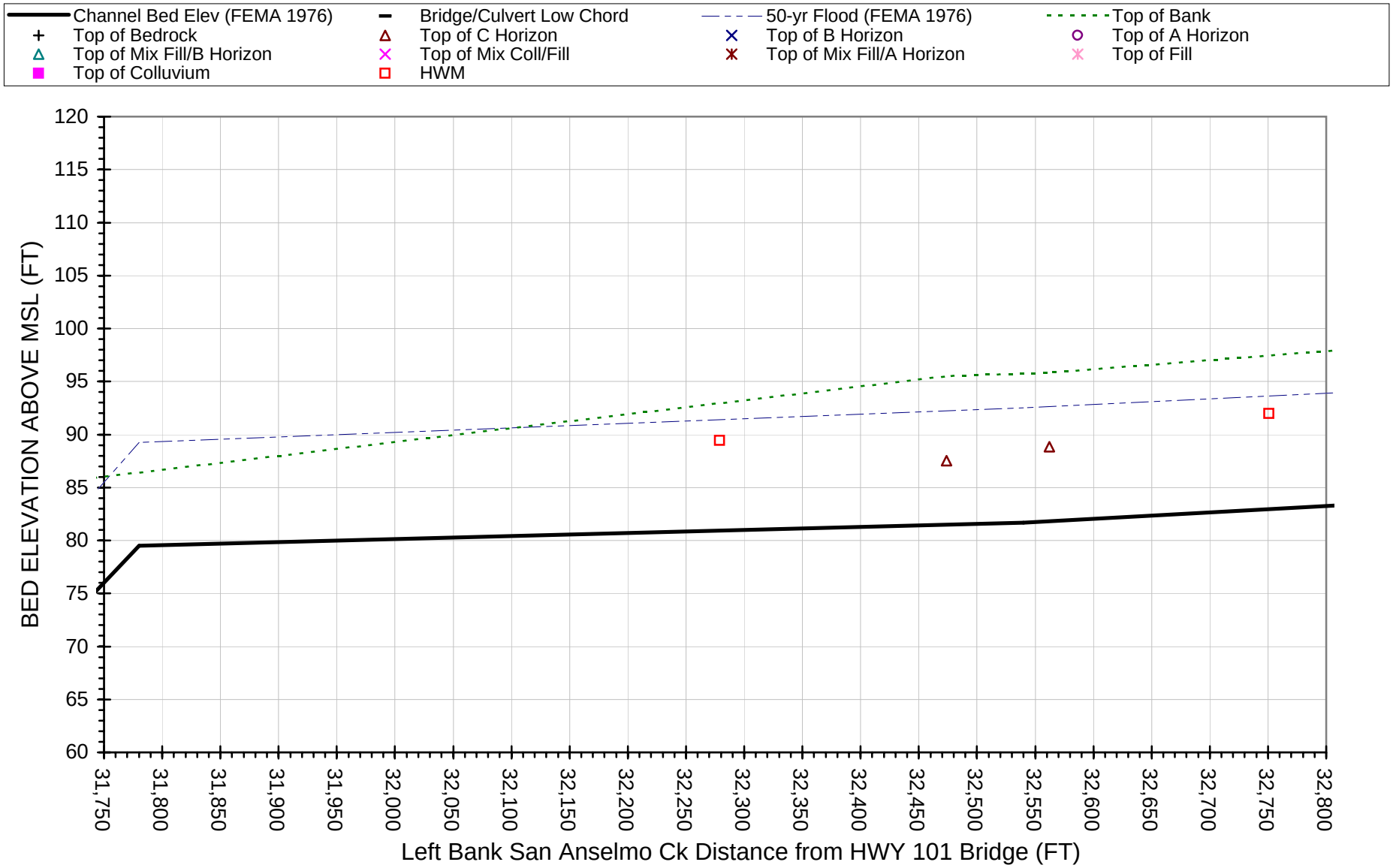



San Anselmo Ck Left Bank
FIS Station 30,700 to 31,750 ft

Geomorphic Assessment
Administrative Draft Report
July 31, 2006

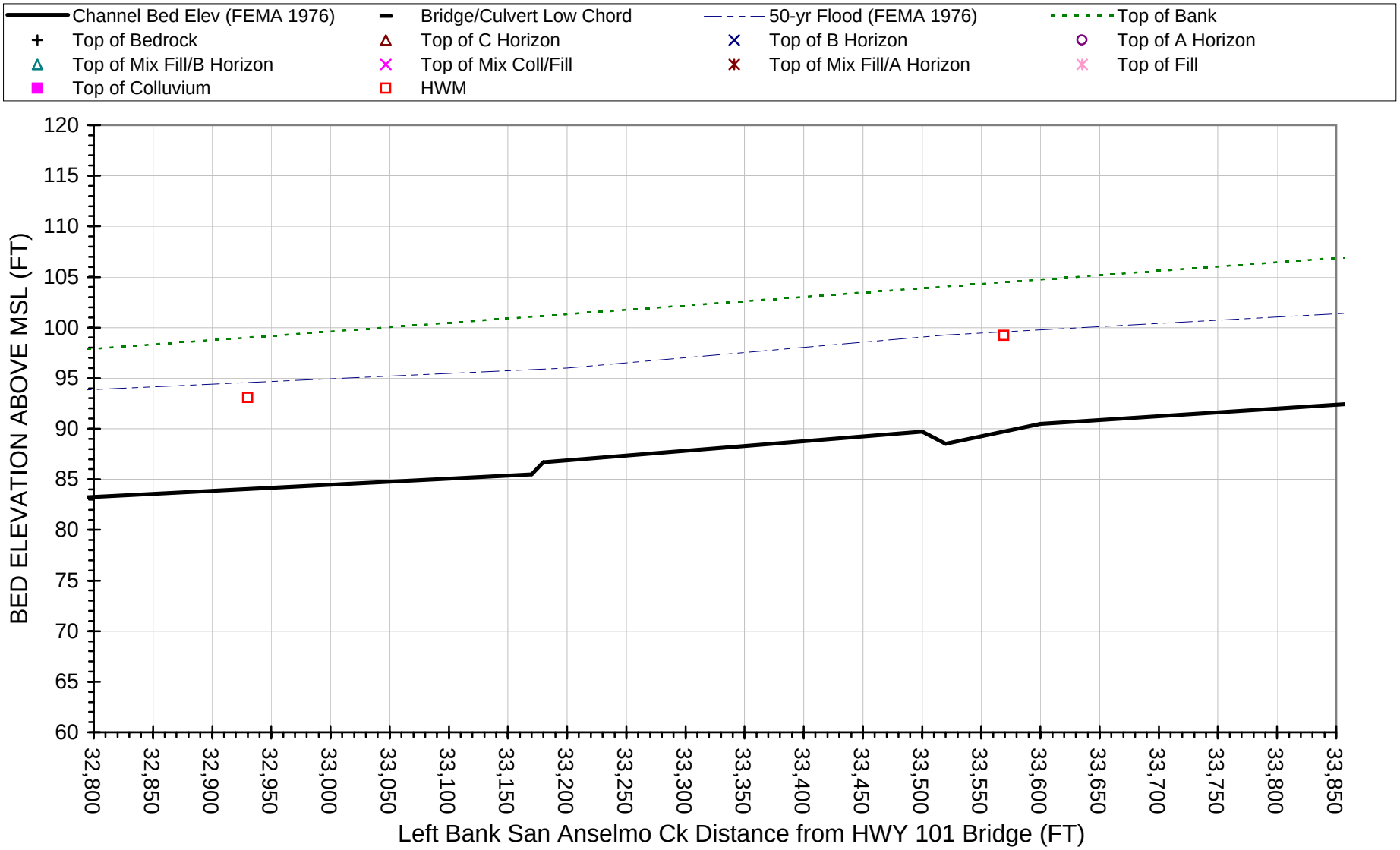
Sheet E-LB-1




San Anselmo Ck Left Bank
FIS Station 31,750 to 32,800 ft

Geomorphic Assessment
Administrative Draft Report
July 31, 2006

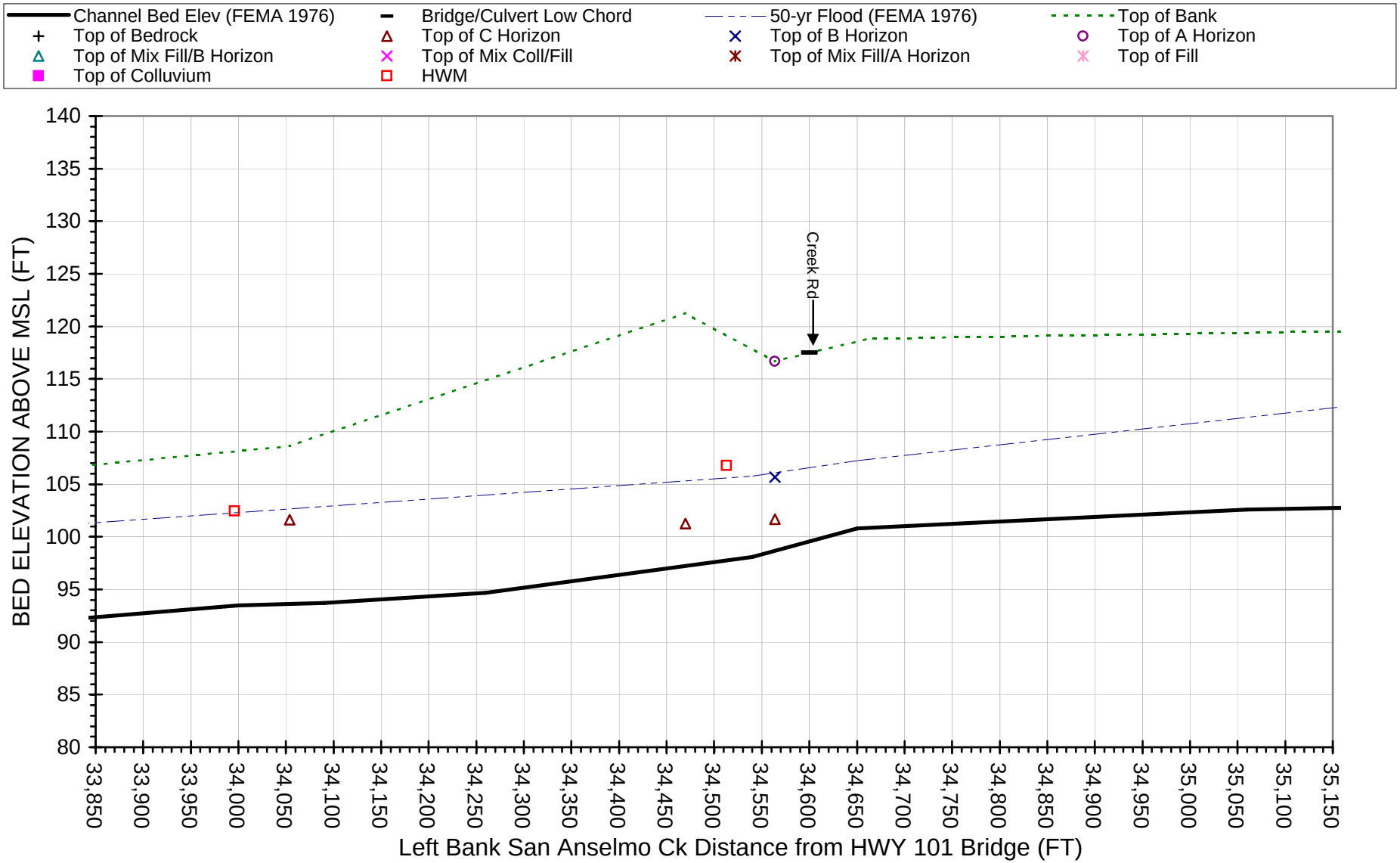
Sheet E-LB-2




San Anselmo Ck Left Bank
FIS Station 32,800 to 33,850 ft

Geomorphic Assessment
Administrative Draft Report
July 31, 2006

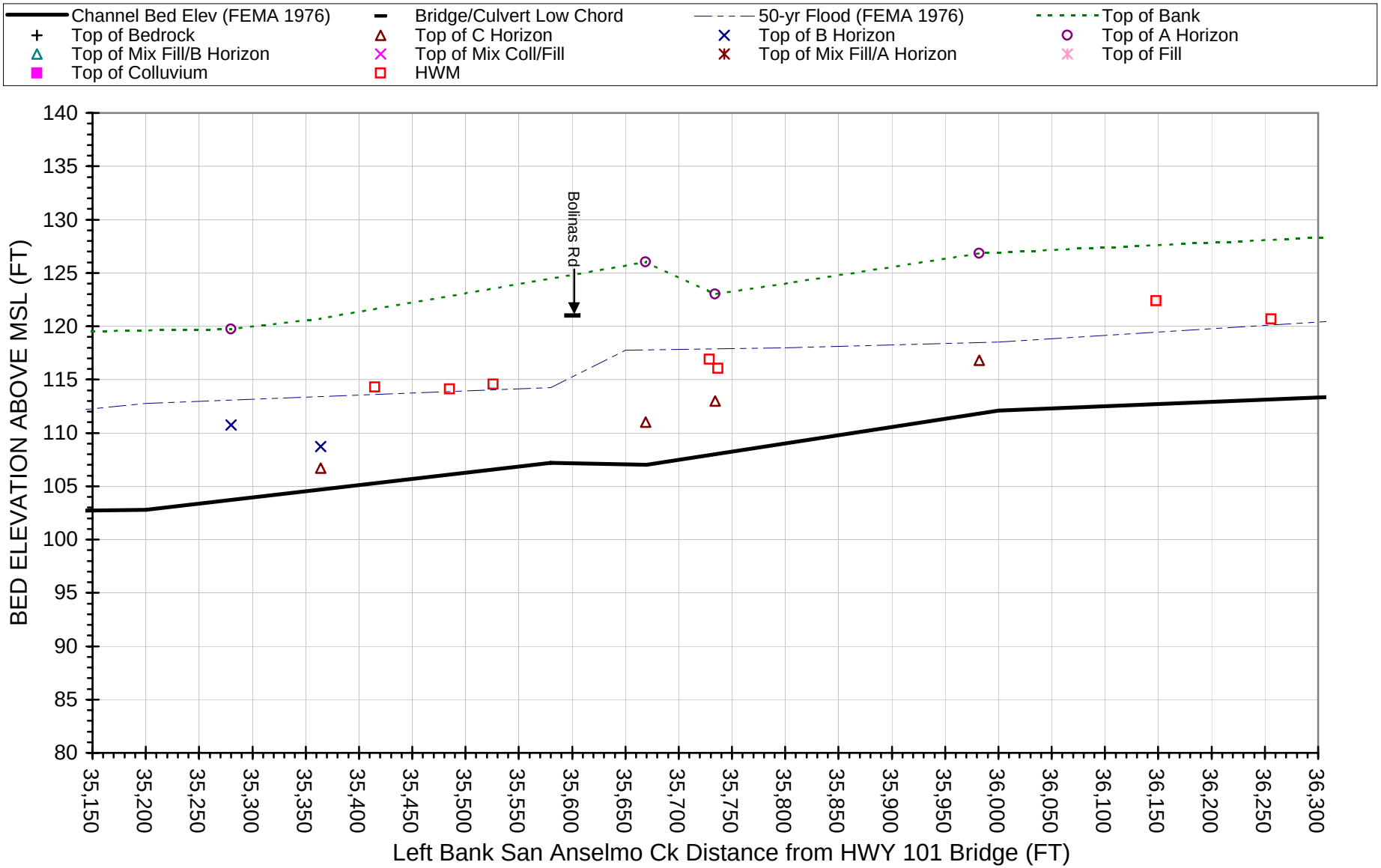
Sheet E-LB-3




San Anselmo Ck Left Bank
FIS Station 33,850 to 35,150 ft

Geomorphic Assessment
Administrative Draft Report
July 31, 2006

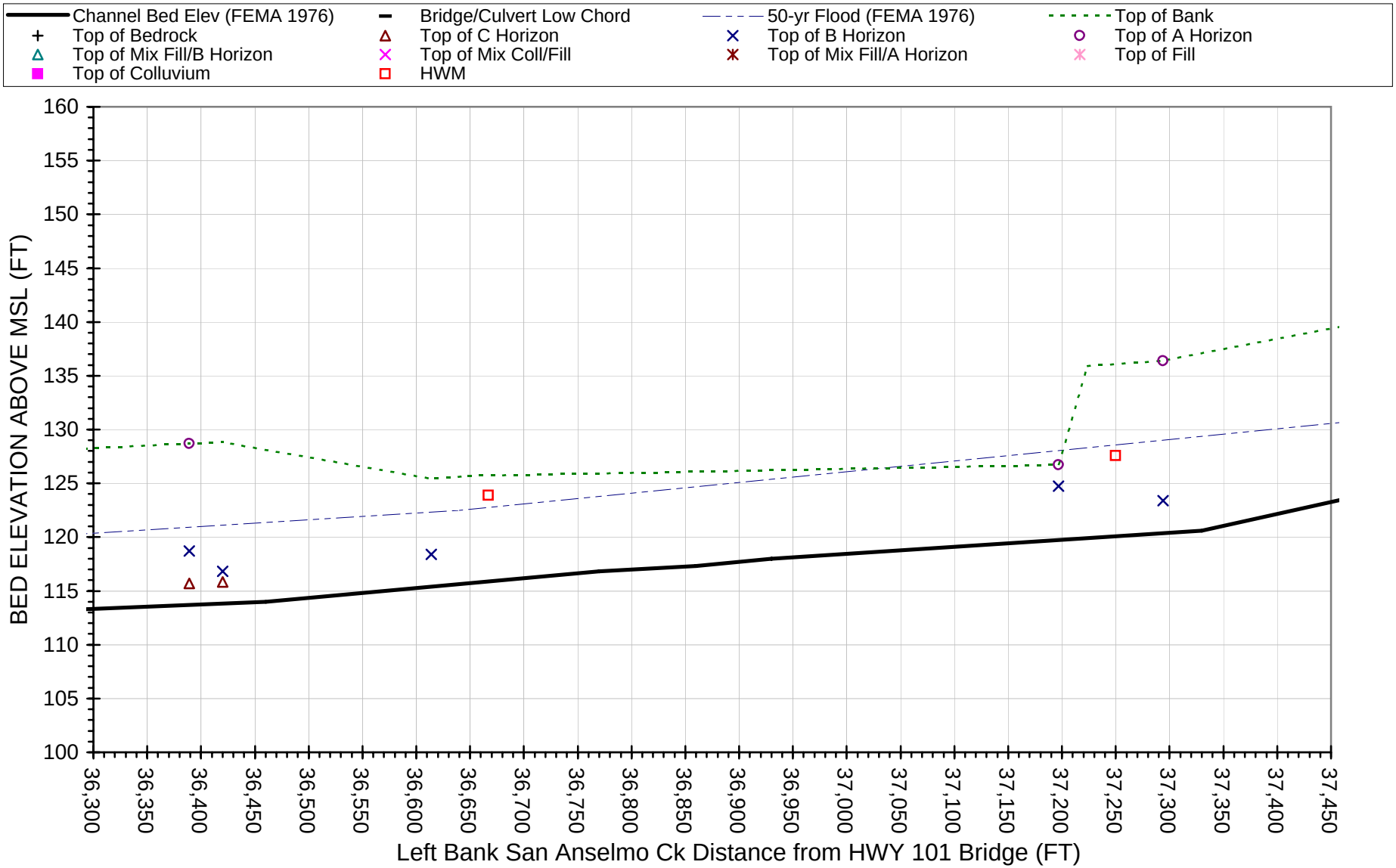
Sheet E-LB-4

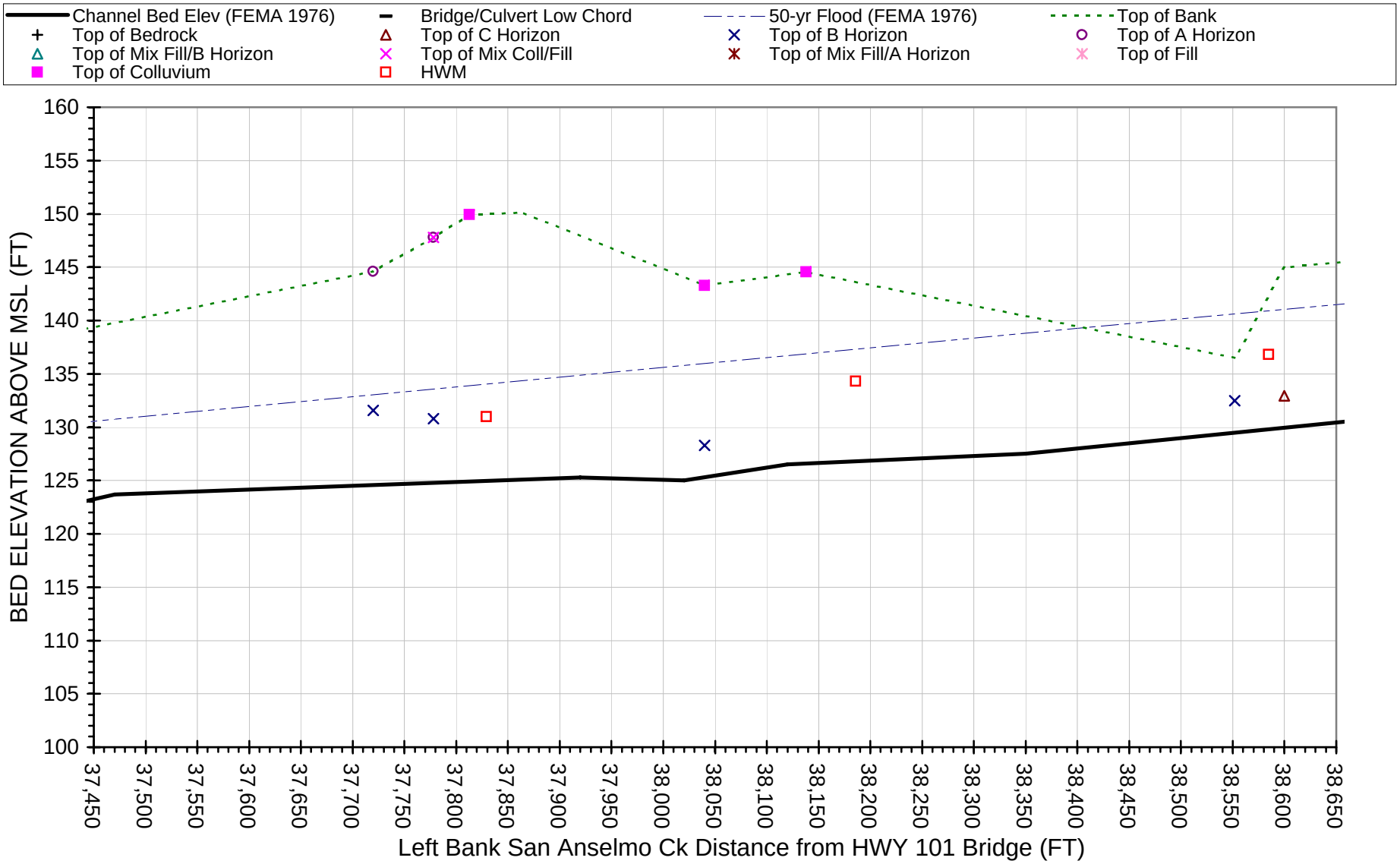


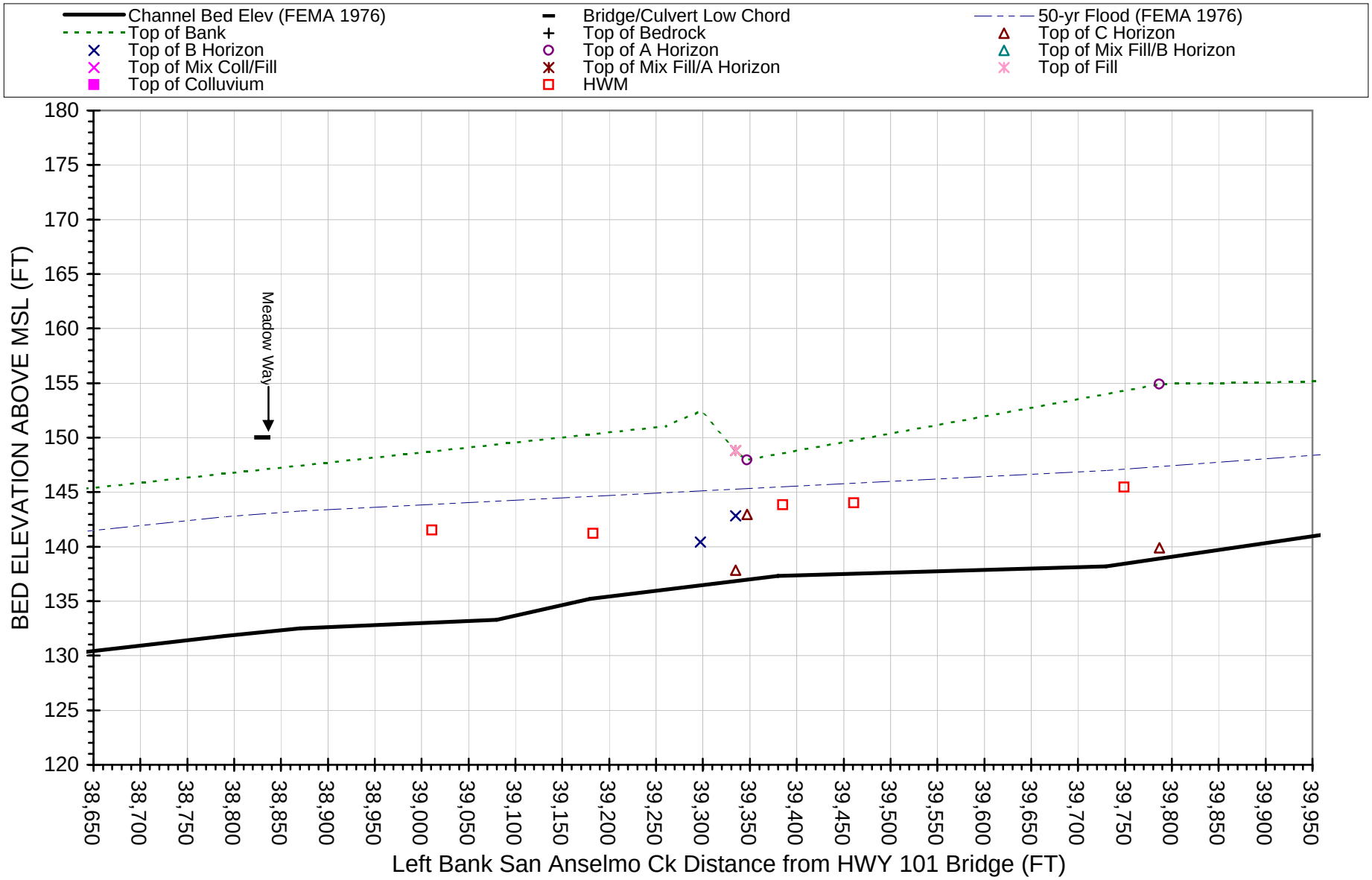

San Anselmo Ck Left Bank
FIS Station 35,150 to 36,300 ft

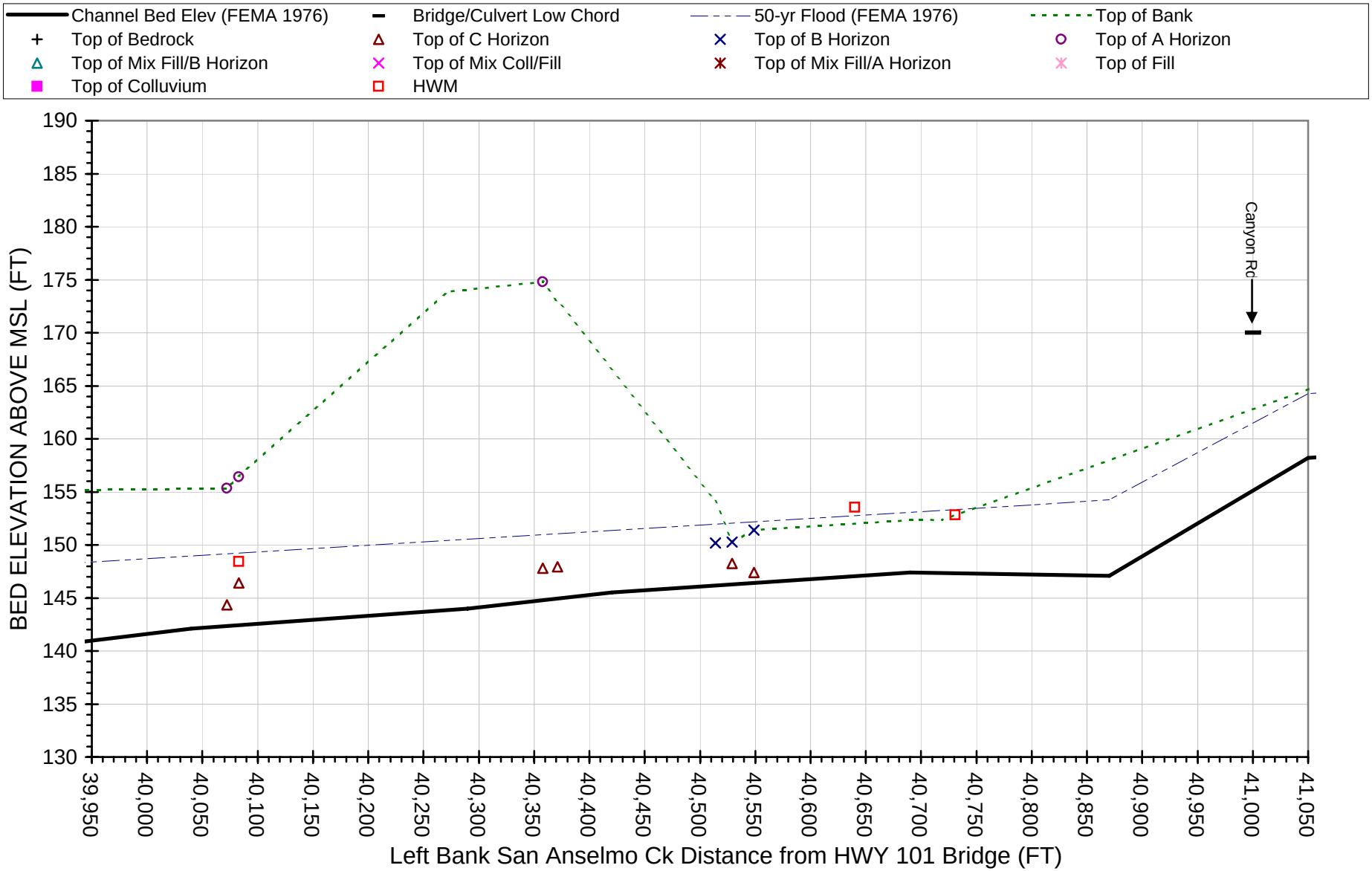
Geomorphic Assessment
Administrative Draft Report
July 31, 2006

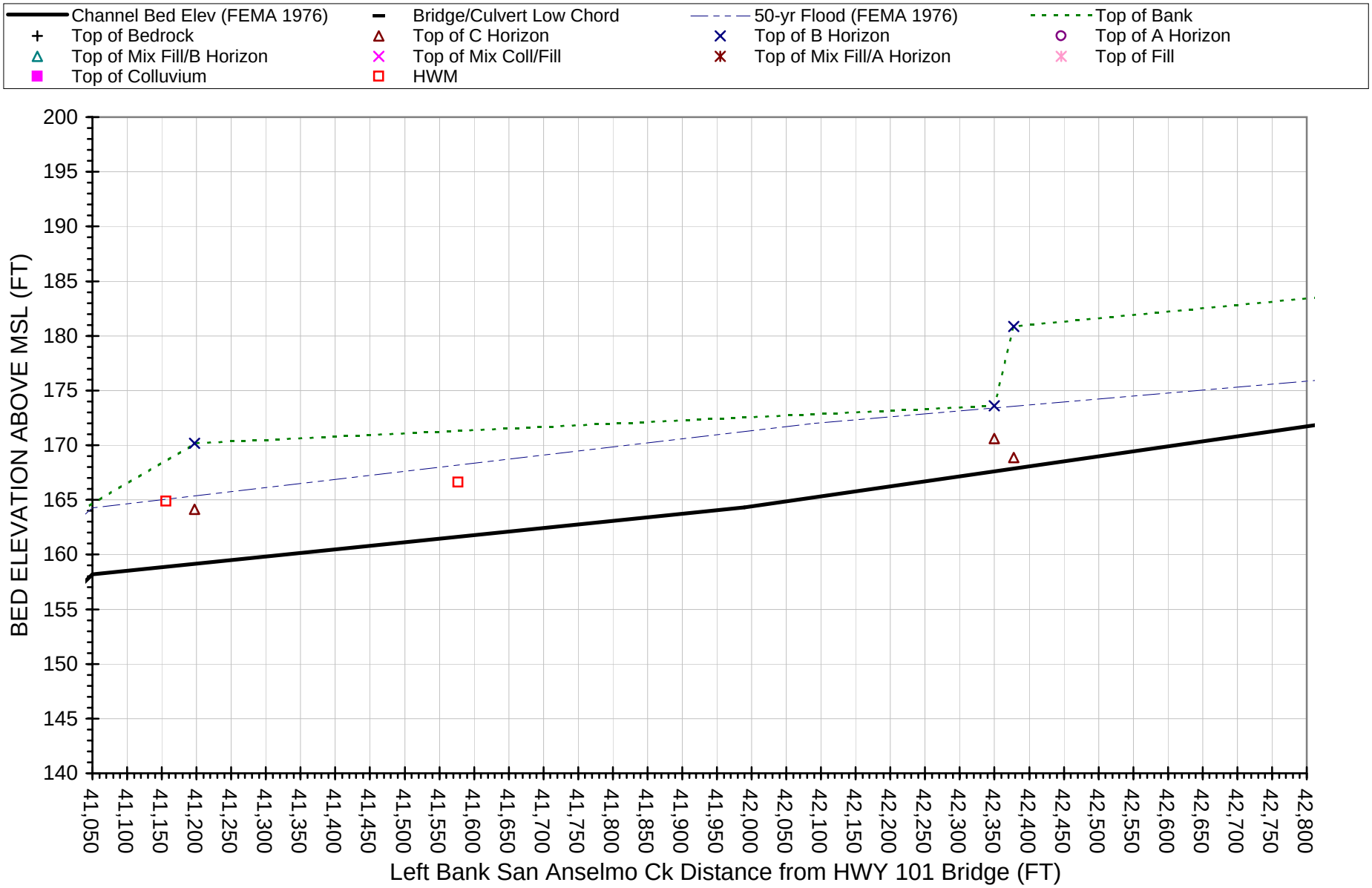
Sheet E-LB-5

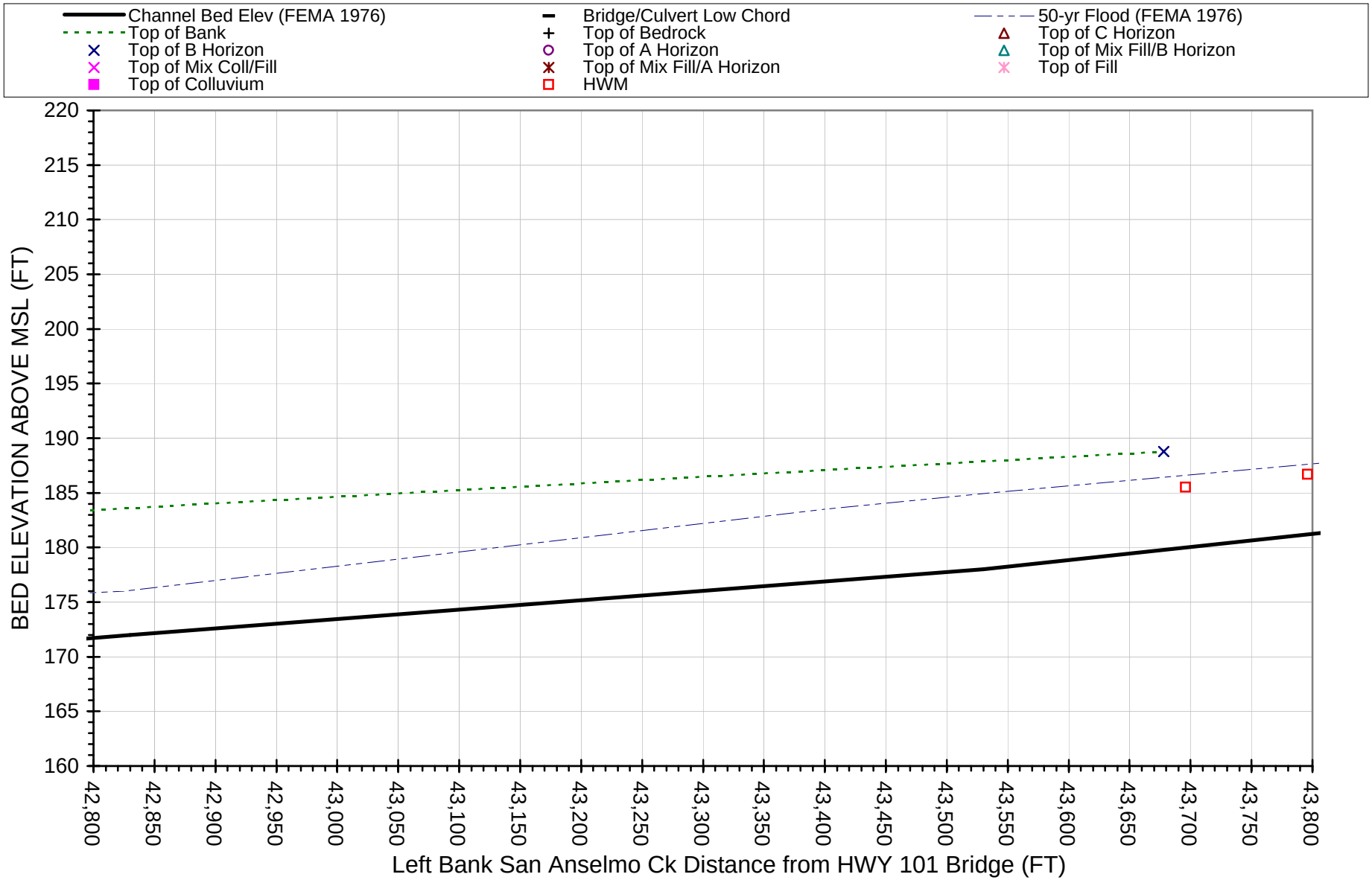

Channel Bed Elev (FEMA 1976)
Bridge/Culvert Low Chord
50-yr Flood (FEMA 1976)
Top of Bank
Top of Bedrock
Top of C Horizon
Top of B Horizon
Top of A Horizon
Top of Mix Fill/B Horizon
Top of Mix Coll/Fill
Top of Mix Fill/A Horizon
Top of Fill
Top of Colluvium
HWM
BED ELEVATION ABOVE MSL (FT)
160
155
150
145
140
135
130
125
120
115
110
105
100
36,300
36,350
36,400
36,450
36,500
36,550
36,600
36,650
36,700
36,750
36,800
36,850
36,900
36,950
37,000
37,050
37,100
37,150
37,200
37,250
37,300
37,350
37,400
37,450
Left Bank San Anselmo Ck Distance from HWY 101 Bridge (FT)

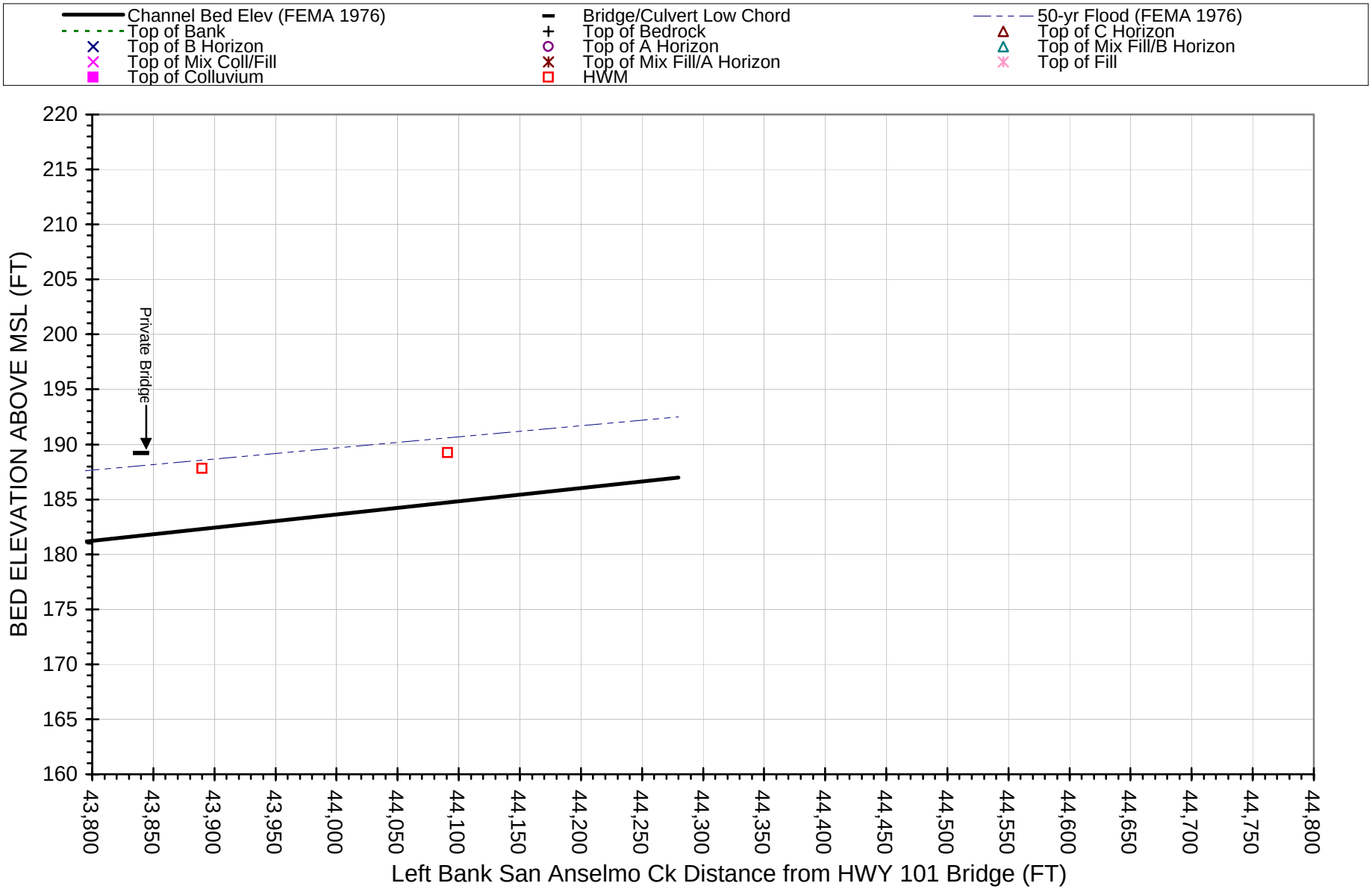

Channel Bed Elev (FEMA 1976)
Bridge/Culvert Low Chord
50-yr Flood (FEMA 1976)
Top of Bank
Top of Bedrock
Top of C Horizon
Top of B Horizon
Top of A Horizon
Top of Mix Fill/B Horizon
Top of Mix Coll/Fill
Top of Mix Fill/A Horizon
Top of Fill
Top of Colluvium
HWM
BED ELEVATION ABOVE MSL (FT)
160
155
150
145
140
135
130
125
120
115
110
105
100
37,450
37,500
37,550
37,600
37,650
37,700
37,750
37,800
37,850
37,900
37,950
38,000
38,050
38,100
38,150
38,200
38,250
38,300
38,350
38,400
38,450
38,500
38,550
38,600
38,650
Left Bank San Anselmo Ck Distance from HWY 101 Bridge (FT)


Channel Bed Elev (FEMA 1976)
Bridge/Culvert Low Chord
50-yr Flood (FEMA 1976)
Top of Bank
Top of Bedrock
Top of C Horizon
Top of B Horizon
Top of A Horizon
Top of Mix Fill/B Horizon
Top of Mix Coll/Fill
Top of Mix Fill/A Horizon
Top of Fill
Top of Colluvium
HWM
Meadow Way
BED ELEVATION ABOVE MSL (FT)
180
175
170
165
160
155
150
145
140
135
130
125
120
38,650
38,700
38,750
38,800
38,850
38,900
38,950
39,000
39,050
39,100
39,150
39,200
39,250
39,300
39,350
39,400
39,450
39,500
39,550
39,600
39,650
39,700
39,750
39,800
39,850
39,900
39,950
Left Bank San Anselmo Ck Distance from HWY 101 Bridge (FT)


Channel Bed Elev (FEMA 1976)
Bridge/Culvert Low Chord
50-yr Flood (FEMA 1976)
Top of Bank
Top of Bedrock
Top of C Horizon
Top of B Horizon
Top of A Horizon
Top of Mix Fill/B Horizon
Top of Mix Coll/Fill
Top of Mix Fill/A Horizon
Top of Fill
Top of Colluvium
HWM
Canyon Rd
BED ELEVATION ABOVE MSL (FT)
190
185
180
175
170
165
160
155
150
145
140
135
130
39,950
40,000
40,050
40,100
40,150
40,200
40,250
40,300
40,350
40,400
40,450
40,500
40,550
40,600
40,650
40,700
40,750
40,800
40,850
40,900
40,950
41,000
41,050
Left Bank San Anselmo Ck Distance from HWY 101 Bridge (FT)


Channel Bed Elev (FEMA 1976)
Bridge/Culvert Low Chord
50-yr Flood (FEMA 1976)
Top of Bank
Top of Bedrock
Top of C Horizon
Top of B Horizon
Top of A Horizon
Top of Mix Fill/B Horizon
Top of Mix Coll/Fill
Top of Mix Fill/A Horizon
Top of Fill
Top of Colluvium
HWM
BED ELEVATION ABOVE MSL (FT)
200
195
190
185
180
175
170
165
160
155
150
145
140
41,050
41,100
41,150
41,200
41,250
41,300
41,350
41,400
41,450
41,500
41,550
41,600
41,650
41,700
41,750
41,800
41,850
41,900
41,950
42,000
42,050
42,100
42,150
42,200
42,250
42,300
42,350
42,400
42,450
42,500
42,550
42,600
42,650
42,700
42,750
42,800
Left Bank San Anselmo Ck Distance from HWY 101 Bridge (FT)


Channel Bed Elev (FEMA 1976)
Bridge/Culvert Low Chord
50-yr Flood (FEMA 1976)
Top of Bank
Top of Bedrock
Top of C Horizon
Top of B Horizon
Top of A Horizon
Top of Mix Fill/B Horizon
Top of Mix Coll/Fill
Top of Mix Fill/A Horizon
Top of Fill
Top of Colluvium
HWM
BED ELEVATION ABOVE MSL (FT)
220
215
210
205
200
195
190
185
180
175
170
165
160
42,800
42,850
42,900
42,950
43,000
43,050
43,100
43,150
43,200
43,250
43,300
43,350
43,400
43,450
43,500
43,550
43,600
43,650
43,700
43,750
43,800
Left Bank San Anselmo Ck Distance from HWY 101 Bridge (FT)


Channel Bed Elev (FEMA 1976)
Top of Bank
Top of B Horizon
Top of Mix Coll/Fill
Top of Colluvium
Bridge/Culvert Low Chord
Top of Bedrock
Top of A Horizon
Top of Mix Fill/A Horizon
HWM
50-yr Flood (FEMA 1976)
Top of C Horizon
Top of Mix Fill/B Horizon
Top of Fill
Private Bridge
BED ELEVATION ABOVE MSL (FT)
220
215
210
205
200
195
190
185
180
175
170
165
160
43,800
43,850
43,900
43,950
44,000
44,050
44,100
44,150
44,200
44,250
44,300
44,350
44,400
44,450
44,500
44,550
44,600
44,650
44,700
44,750
44,800
Left Bank San Anselmo Ck Distance from HWY 101 Bridge (FT)