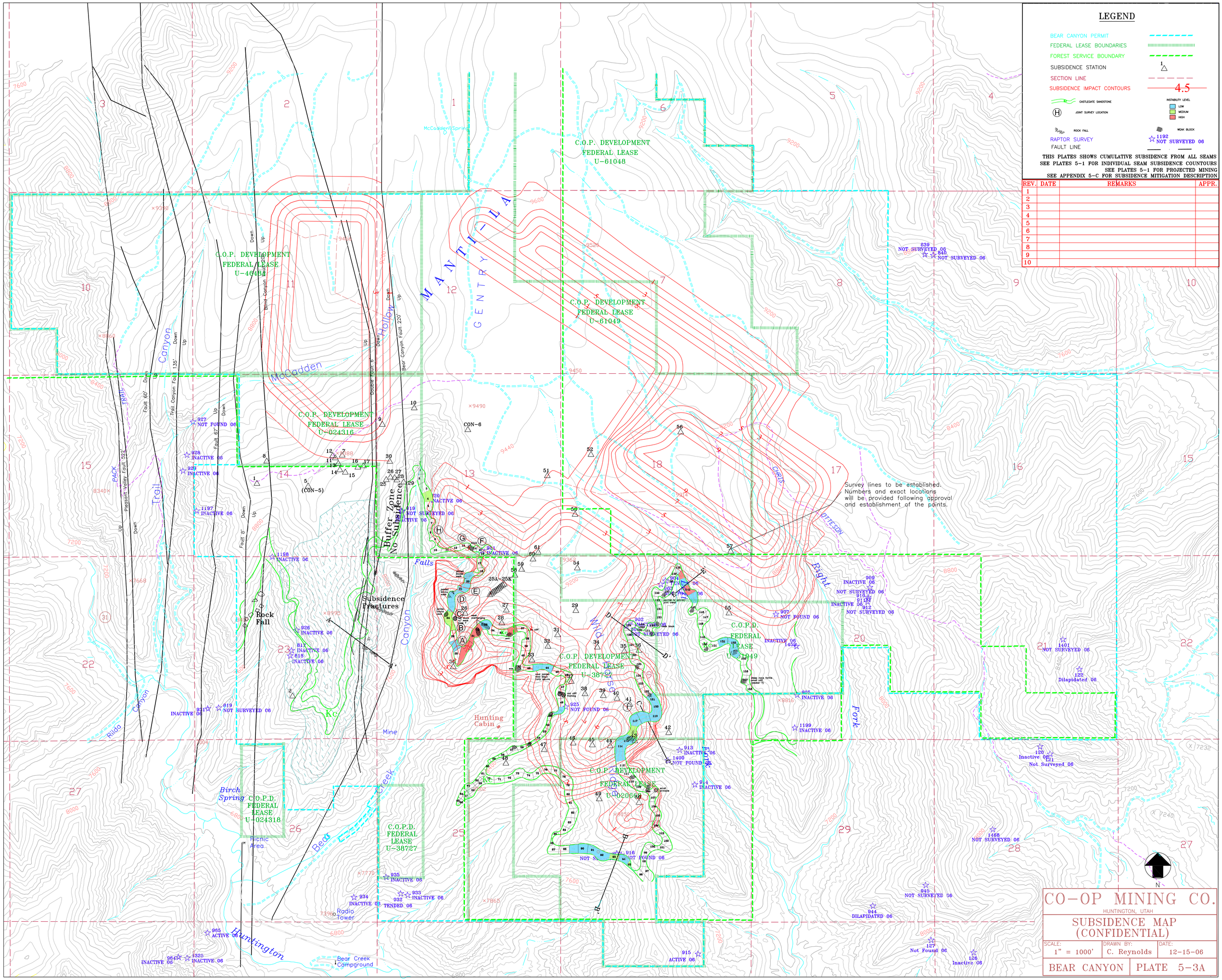
LEGEND
BEAR CANYON PERMIT
FEDERAL LEASE BOUNDARIES
FOREST SERVICE BOUNDARY
SUBSIDENCE STATION
SECTION LINE
SUBSIDENCE IMPACT CONTOURS
4.5
CASTLEGATE SANDSTONE
JOINT SURVEY LOCATION
INSTABILITY LEVEL
LOW
MEDIUM
HIGH
ROCK FALL
WEAK BLOCK
RAPTOR SURVEY
FAULT LINE
THIS PLATES SHOWS CUMULATIVE SUBSIDENCE FROM ALL SEAMS
SEE PLATES 5-1 FOR INDIVIDUAL SEAM SUBSIDENCE COUNTOURS
SEE PLATES 5-1 FOR PROJECTED MINING
SEE APPENDIX 5-C FOR SUBSIDENCE MITIGATION DESCRIPTION
REV. DATE REMARKS APPR.
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-61048
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-46435
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-61049
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-024316
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-38727
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-020660
C.O.P.D.
FEDERAL
LEASE
U-024318
C.O.P.D.
FEDERAL
LEASE
U-38727
Survey lines to be established.
Numbers and exact locations
will be provided following approval
and establishment of the points.
Buffer Zone
No Subsidence
Subsidence
Fractures
Rock
Fall
Hunting
Cabin
Radio
Tower
Bear Creek
Campground
Picnic
Area
Birch
Spring
Mine
Falls
Canyon
McCadden
Trail
Canyon
Hollow
MANTILLA
GENTRY
Bear
Creek
Huntington
Canyon
Rilda
Canyon
Bear
Canyon
Fork
Right
Fork
Bear
Canyon
Fault 220'
Fault 135'
Fault 60'
Fault 67'
Fault 8'
Fault 522'
Pleasant Valley
Fault
Trail Canyon
Bear Canyon
Canyon Fault
Fault 6
Down
Up
CON-6
(CON-5)
927
NOT FOUND 06
928
INACTIVE 06
929
INACTIVE 06
1197
INACTIVE 06
1198
INACTIVE 06
926
INACTIVE 06
817
INACTIVE 06
816
INACTIVE 06
931
INACTIVE 06
819
NOT SURVEYED 06
419
NOT SURVEYED 06
INACTIVE 06
920
INACTIVE 06
921
INACTIVE 06
925
NOT FOUND 06
913
INACTIVE 06
1400
NOT FOUND 06
914
INACTIVE 06
916
NOT FOUND 06
915
ACTIVE 06
907
NOT FOUND 06
INACTIVE 06
1459
905
INACTIVE 06
1199
INACTIVE 06
909
INACTIVE 06
NOT SURVEYED 06
910
911
912
NOT SURVEYED 06
839
NOT SURVEYED 06
840
NOT SURVEYED 06
1401
NOT SURVEYED 06
122
Dilapidated 06
120
Inactive 06
121
Not Surveyed 06
1468
NOT SURVEYED 06
945
NOT SURVEYED 06
944
DILAPIDATED 06
127
Not Found 06
126
Inactive 06
935
INACTIVE 06
933
INACTIVE 06
932
TENDED 06
934
INACTIVE 03
965
ACTIVE 06
96
INACTIVE 06
1325
INACTIVE 06
N
CO-OP MINING CO.
HUNTINGTON, UTAH
SUBSIDENCE MAP
(CONFIDENTIAL)
SCALE: 1" = 1000'
DRAWN BY: C. Reynolds
DATE: 12-15-06
BEAR CANYON
PLATE 5-3A