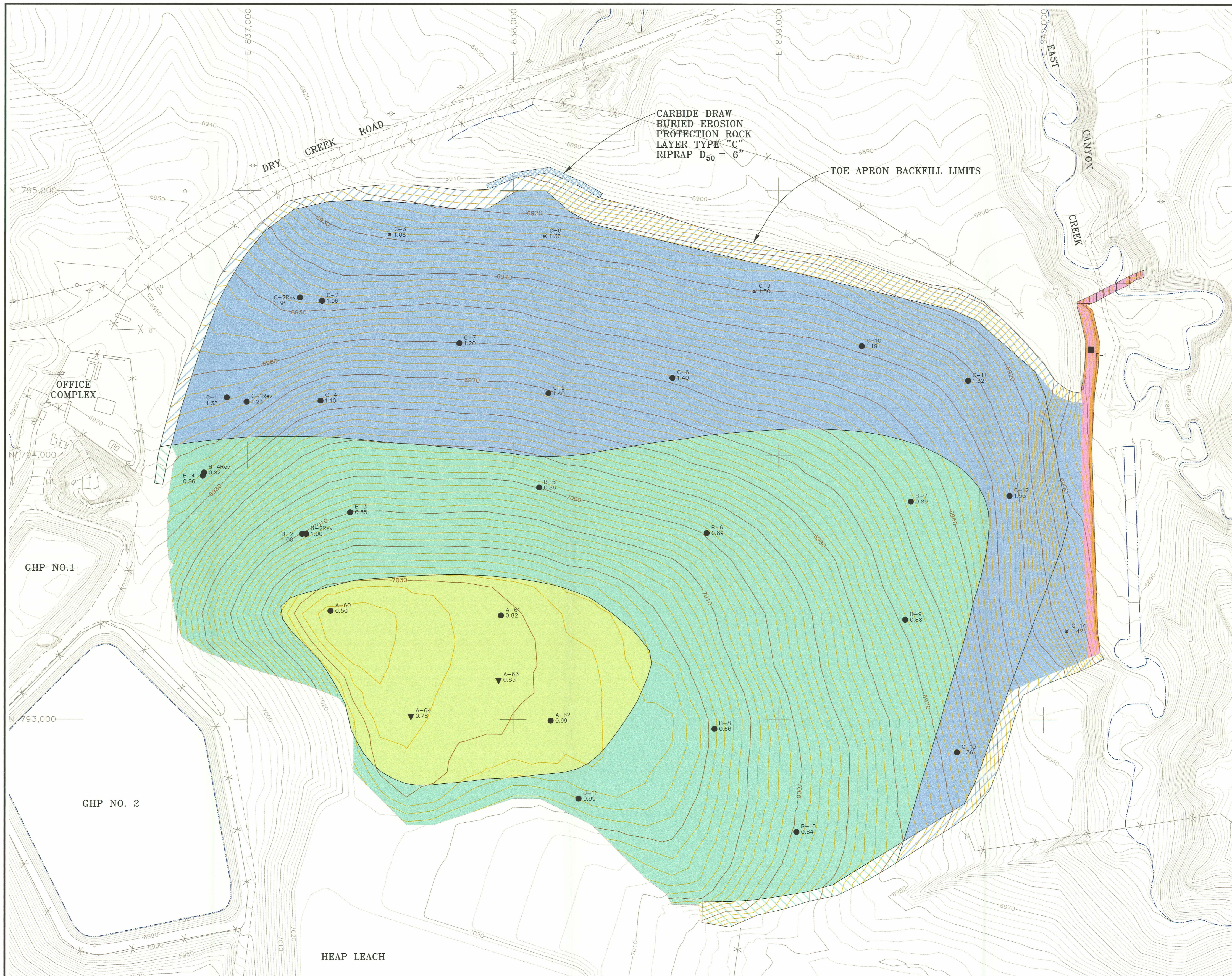
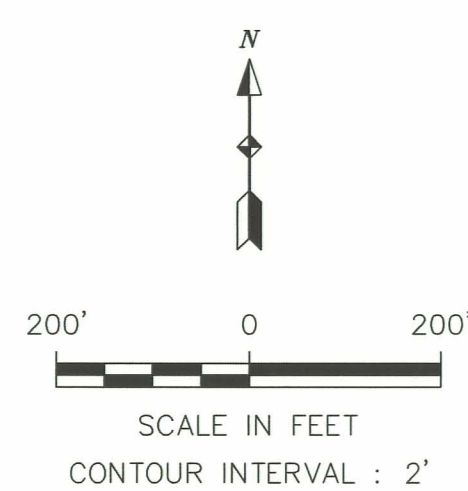




LEGEND:

- 2000 AERIAL TOPOGRAPHY
UPDATED WITH 2002 SURVEYS
- DRAINAGE PATH/PONDED WATER
- UN-PAVED ROADS
- UMETCO 1000' SITE GRID
- FINISH GRADE TOPOGRAPHY
ABOVE GRADE RIPRAP AND
TOE APRON BACKFILL
- IN-PLACE VISUAL DEPTH CHECK
AND IN-PLACE GRADATION SAMPLE
C-6 = FIELD IDENTIFICATION NUMBER
1.40 = DEPTH MEASURED IN FEET
- IN-PLACE VISUAL DEPTH CHECK
A-64 = FIELD IDENTIFICATION NUMBER
0.78 = DEPTH MEASURED IN FEET
- IN-PLACE GRADATION SAMPLE
E-1 = FIELD IDENTIFICATION NUMBER
- CARBIDE DRAW BURIED EROSION
PROTECTION ROCK LAYER
12-INCHES OF TYPE "C" RIPRAP
D₅₀ = 6.0 INCH
- 6-INCHES OF TYPE "A" RIPRAP
D₅₀ = 0.5 INCH
- 6-INCHES OF TYPE "B" RIPRAP
D₅₀ = 3.0 INCH
- 6-INCHES OF TYPE "B" RIPRAP
BELOW GRADE TOE APRON
- 12-INCHES OF TYPE "C" RIPRAP
D₅₀ = 6.0 INCH
- 12-INCHES OF TYPE "C" RIPRAP
BELOW GRADE TOE APRON
- LAUNCHED STONE EMBANKMENT
TYPE "E" D₅₀ = 30.0 INCH
- SCOUR APRON (22' WIDE & 6' DEEP)
TYPE "E" D₅₀ = 30.0 INCH



Umetco Minerals Corporation
2754 COMPASS DRIVE, SUITE 280, GRAND JUNCTION, CO 81506

AS BUILT

ABOVE-GRADE TAILINGS IMPOUNDMENT
DESIGN ENHANCEMENT
IN-PLACE GRADATION AND
VISUAL DEPTH CHECK TEST LOCATIONS
EROSION PROTECTION PLACEMENT

GAS HILLS, WYOMING

DATE: JUNE 2007 DWG: GH-AG-15-AB

SHEET 15 OF 15

D-15