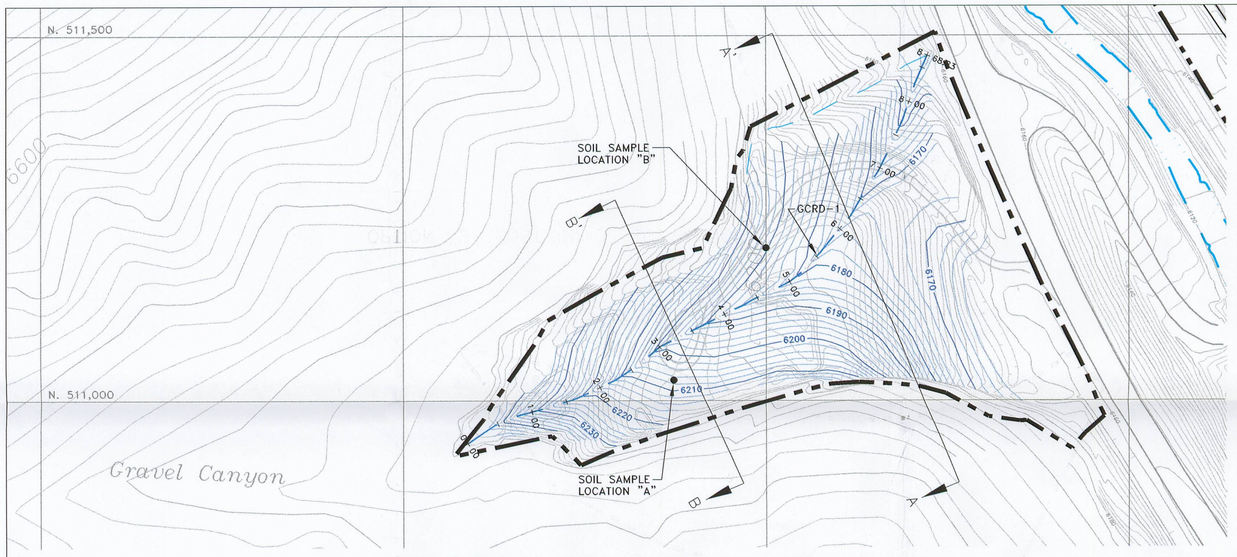
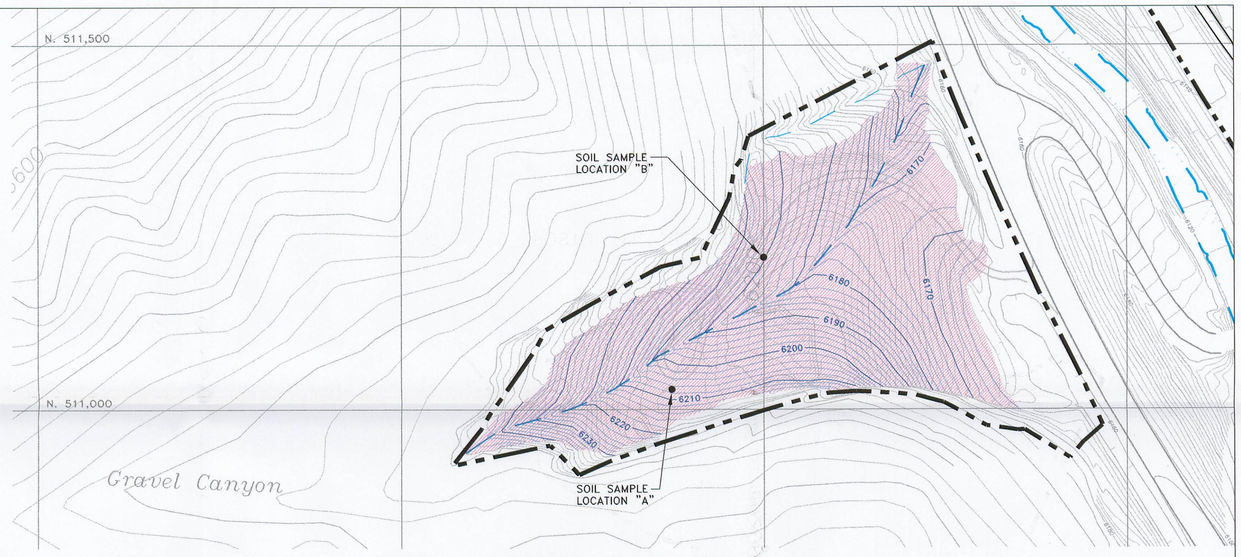
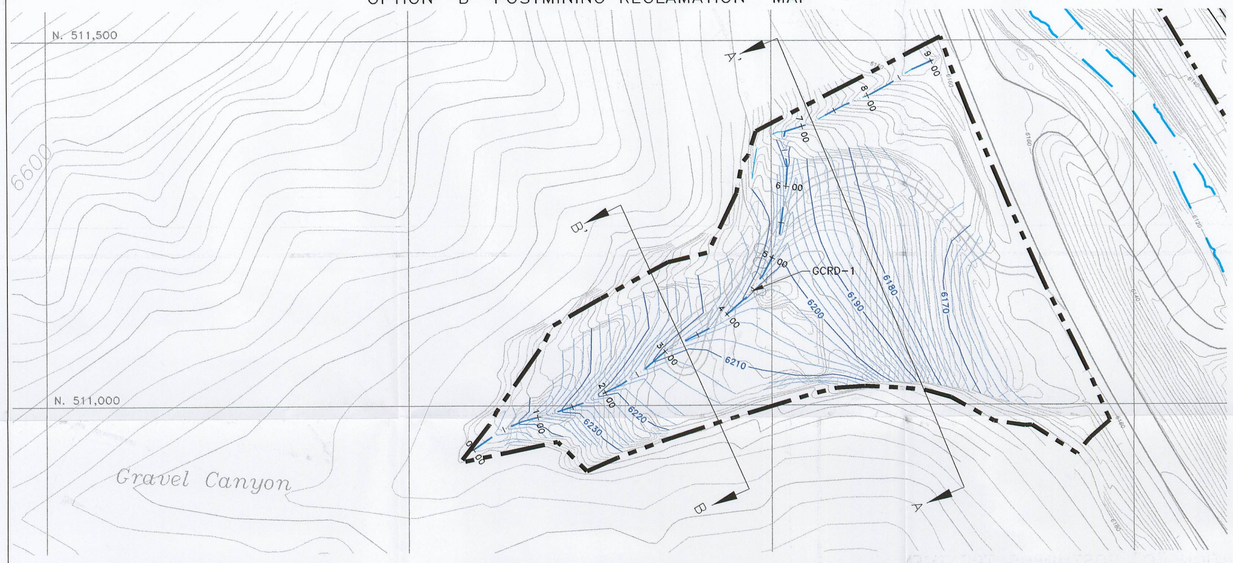


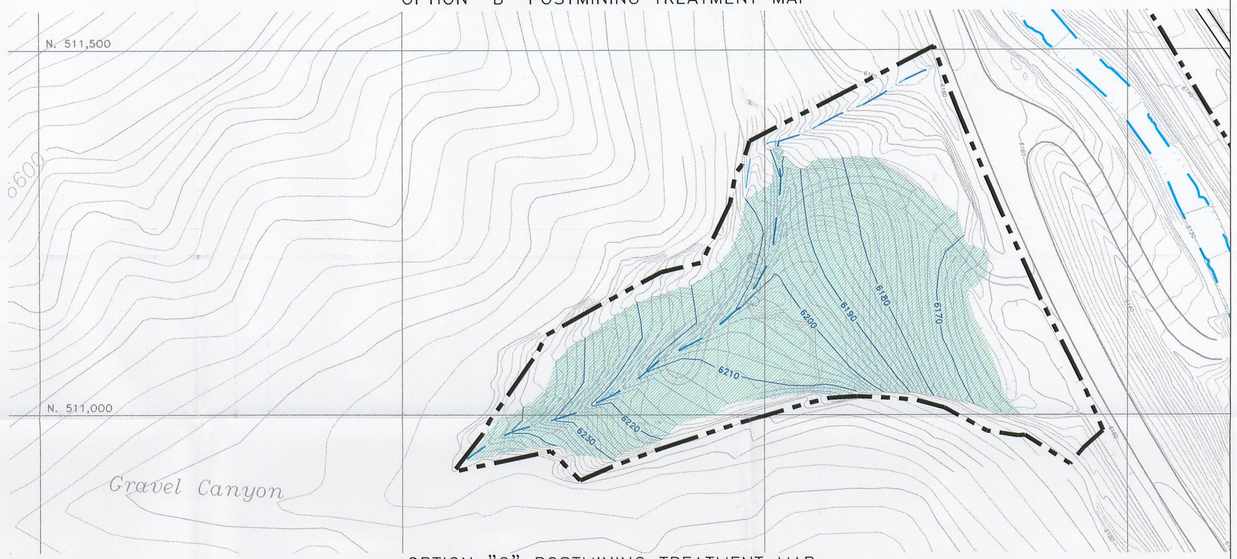
OPTION "B" POSTMINING RECLAMATION MAP



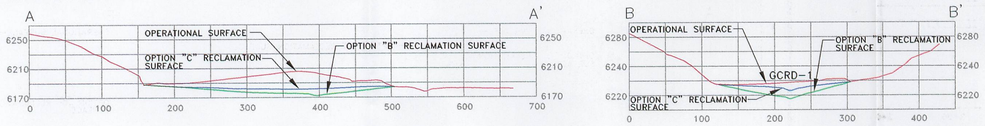
OPTION "B" POSTMINING TREATMENT MAP



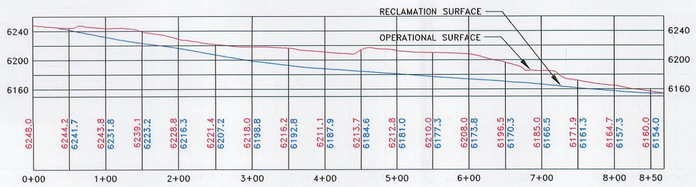
OPTION "C" POSTMINING RECLAMATION MAP



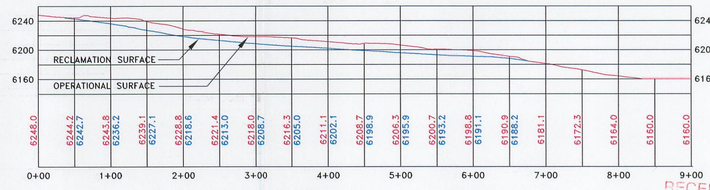
OPTION "C" POSTMINING TREATMENT MAP



POSTMINING RECLAMATION CROSS-SECTIONS



OPTION "B" GCRD-1 PROFILE



OPTION "C" GCRD-1 PROFILE

RECEIVED
OCT 15 2004
DIV OF OIL, GAS & MINING

LEGEND

- DISTURBED AREA BOUNDARY
- RECLAMATION CONTOUR
- RECLAMATION CHANNEL
- OPTION "B" RECLAMATION TREATMENT AREA TO BE SEEDED WITH UPLAND MIXTURE TABLE 5.3-2B, DEEP GOUGING AND MULCHING (3.87 ACRES)
- OPTION "C" RECLAMATION TREATMENT AREA TO BE SEEDED WITH UPLAND MIXTURE TABLE 5.3-2B, DEEP GOUGING AND MULCHING (3.54 ACRES)
- EXISTING PRE-SMCRA CHANNEL

GRAVEL CANYON RECLAMATION MASS BALANCE SUMMARY

OPTION	CUT (CY)	FILL (CY)	NET (CY)
APPROVED RECLAMATION PLAN	101,732	4,639	97,093 CUT
ALTERNATE RECLAMATION PLAN OPTION "B"	65,103	126	64,977 CUT
ALTERNATE RECLAMATION PLAN OPTION "C"	37,228	150	37,078 CUT

NOTE:
EXCESS CUT IS TOPSOIL HAULED FROM THE TOPSOIL STOCKPILE FOR THE RECLAMATION OF OTHER CASTLE GATE MINE PROPERTIES.

RAG

REGISTERED PROFESSIONAL ENGINEER
No. 189797
LAYNE D. JENSEN
9-30-04
STATE OF UTAH

N W E S

100' 0' 100' 200'

XREF'S

G:\UC709\W1LCRAPPRMAPS\BASE-20.DWG
G:\UC709\17\DWG\FINAL-WORK\BASE-FINAL-OPS.DWG

REVISION/HISTORY

BY	DATE	DESCRIPTION
LDJ	8-23-04	ADD CHANNEL PROFILES

EarthFax Engineering, Inc.
Engineers/Scientists

PLATEAU MINING CORPORATION

847 NW HIGHWAY 191 HELPER, UTAH 84526
PHONE: (435) 472-0475

TITLE: GRAVEL CANYON POSTMINING RECLAMATION TOPOGRAPHY, TREATMENT AND CROSS-SECTION MAP

DRAWN BY: SWF DATE: JUNE 2004
CHECKED BY: LDJ DATE: JUNE 2004
DRAWING NO. G:\UC709\17\GRAVELCANYON\EX3-6-4.DWG

EXHIBIT 3.6-4