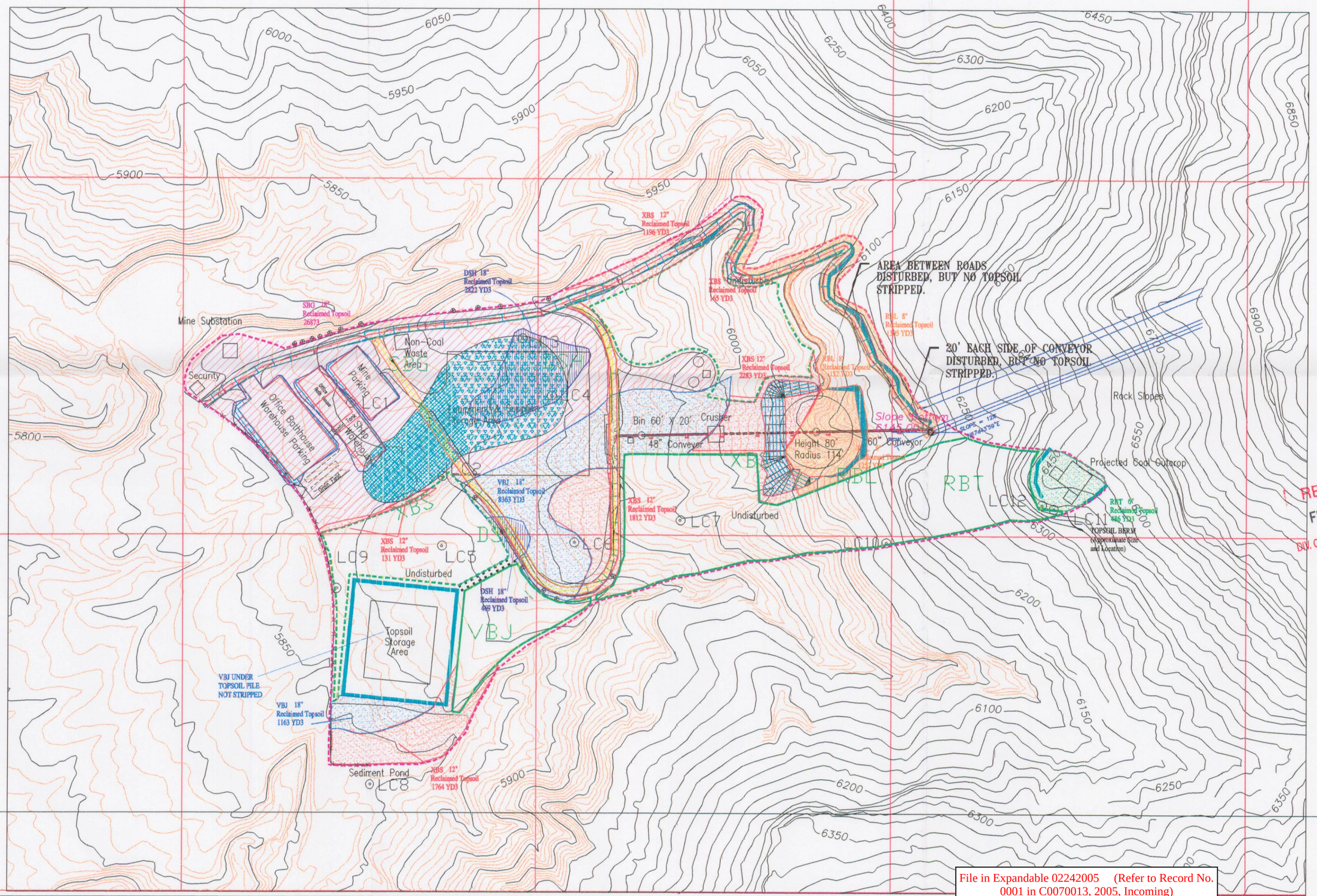

RECEIVED
FEB 25 2005
DIV. OF OIL, GAS & MINING

File in Expandable 02242005 (Refer to Record No. 0001 in C0070013, 2005, Incoming)

LEGEND:

- SOIL DESCRIPTION SITE
- REFUSE PILE (COAL MINE WASTE)
- STRUCTURAL FILL
- DISTURBED AREA BOUNDRY
- UNDISTURBED AREA BOUNDRY
- TOPSOIL BERM

Amount of Topsoil Removed, Stored and Replaced

RBT	6"	486 YD3
SBG	18"	26873 YD3
RBL	8"	2709 YD3
VBJ	18"	9526 YD3
XBS	12"	7351 YD3
DSH	18"	3291 YD3
TOTAL		50,236 YD3

SUBSOIL CUT & FILL:

SBG: Strych Bouldery fine sandy loam, 5 to 15 percent slopes (grass)
AVERAGE VOLUME CUBIC YDS: CUT; 14,076 YD3, FILL 17,338 YD3

VBJ: Strych Very bouldery fine sandy loam, 5 to 15 percent slopes (pinyon - juniper)
AVERAGE VOLUME CUBIC YDS: CUT; 2,662 YD3, FILL 3,492 YD3

XBS: Strych Extremely bouldery sandy loam, 10 to 45 percent slopes
AVERAGE VOLUME CUBIC YDS: CUT; 1.067 YD3, FILL 487 YD3

DSH: Strych Fine sandy loam variant, 3 to 8 percent slopes
AVERAGE VOLUME CUBIC YDS: CUT; 643 YD3

REVISION DATE:

DATE:	BY:	DATE:	BY:
8/29/2000	BJ		
1/10/2001	BJ		
3/20/01	BJ		
11/12/02	RJM		
10/24/03	RJM		
01/14/05	RJM		

N

UTAH REGISTERED PROFESSIONAL ENGINEER
152606
R. Jay Marshall
2/2/05

T16S, R14E

100' 0' 200' 400'

LILA CANYON MINE

Soil Salvage and Replacement

NOVEMBER 1999

SCALE: AS SHOWN

PLATE: 2-3

DESIGNED BY: UEI