

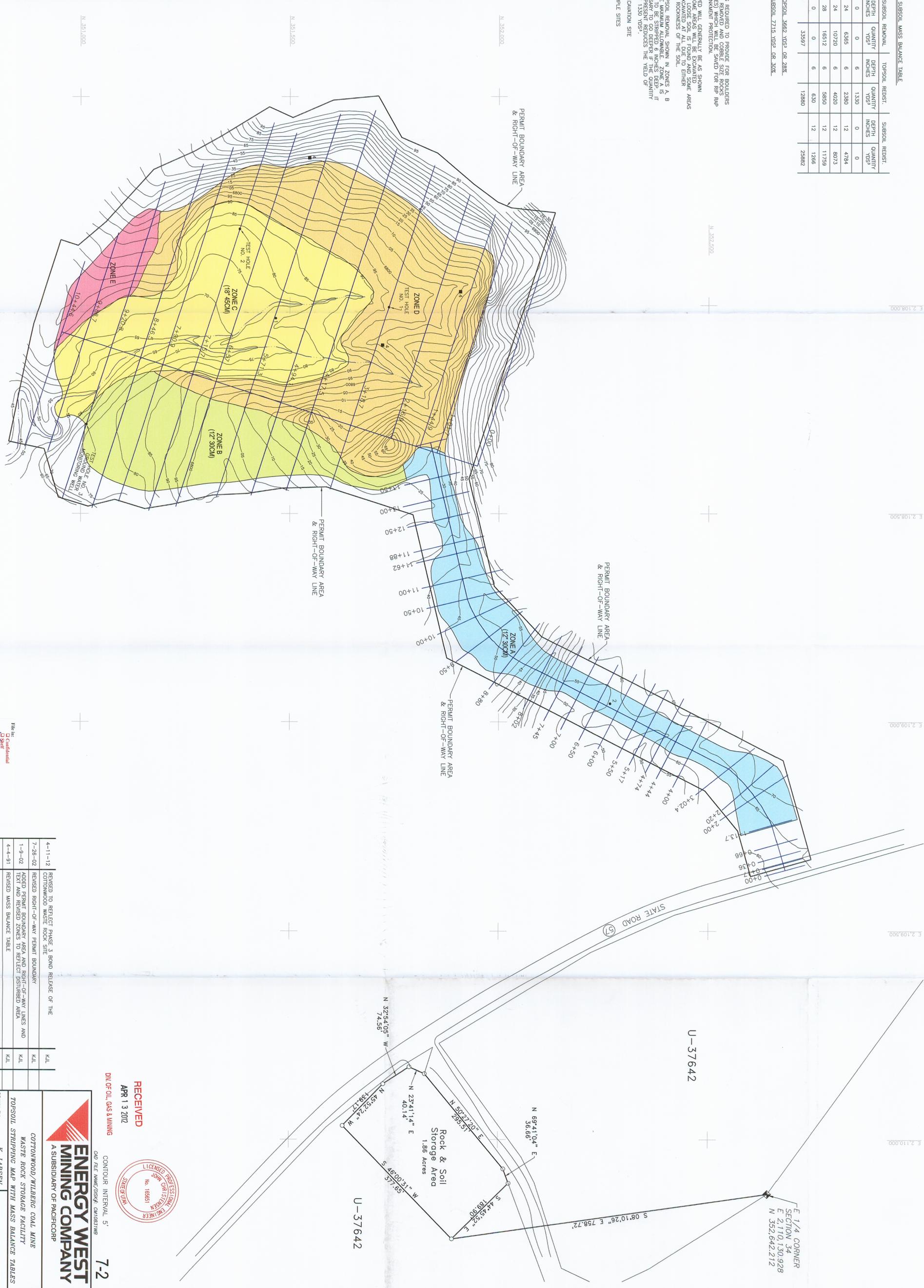
TOPSOIL AND SUBSOIL MASS BALANCE TABLE

ZONE	TOPSOIL REMOVAL		SUBSOIL REMOVAL		TOPSOIL REDIST.		SUBSOIL REDIST.	
	AREA ACRES	DEPTH INCHES	QUANTITY YDS ³	DEPTH INCHES	QUANTITY YDS ³	DEPTH INCHES	QUANTITY YDS ³	
A	1.8	6	1330	0	6	1330	0	
B	2.95	9	4492	24	6365	6	4020	
C	4.98	18	12050	24	10720	6	4020	
D	7.25	0	0	28	16512	6	5650	
E	7.8	0	0	0	0	6	630	
SUB TOTAL B.C.O.F.			16542		33597		12880	
							25882	

EXCESS TOPSOIL 3662 YDS³ OR 28%
EXCESS SUBSOIL 2715 YDS³ OR 30%

NOTES

- EXCESS SOIL IS REQUIRED TO PROVIDE FOR BOLLDFERS WHICH WILL BE REMOVED AND COBBLE SIZE ROCKS (3 TO 12 INCHES) WHICH WILL BE SAWED FOR RIP RAP AND DIRT EMBANKMENT PROTECTION.
 - SUBSOIL REMOVED WILL GENERALLY BE AS SHOWN DEEPER WHERE LOOSE SOIL IS FOUND AND SOME AREAS MAY NOT BE EXCAVATED AT ALL DUE TO EITHER STEEPNESS OR ROCKINESS OF THE SOIL.
 - DEPTH OF TOPSOIL REMOVAL SHOWN IN ZONES A, B AND C ARE THE MAXIMUM ALLOWABLE DEPTHS AS IT MAY BE NECESSARY TO GO DEEPER IF THE QUANTITY OF BOLLDFERS PRESENT REDUCES THE YIELD OF TOPSOIL BELOW 1330 YDS³.
- 1 SOIL PEDON EXCAVATION SITE
 - 2 COMPOSITE SAMPLE SITES



File in: **Redefined**
 Date: **04/11/2012**
 Author: **W. Larssen**

DATE	REVISIONS	BY	CHK
4-11-12	REVISED TO REFLECT PHASE 3 BOND RELEASE OF THE COTTONWOOD WASTE ROCK SITE	KIL	
7-26-02	REVISED RIGHT-OF-WAY PERMIT BOUNDARY	KIL	
1-9-02	ADDED PERMIT BOUNDARY AREA AND RIGHT-OF-WAY LINES AND TEXT AND REVISED ZONES TO REFLECT DISTURBED AREA	KIL	
4-4-91	REVISED MASS BALANCE TABLE	KIL	
5-4-90	ADDED ZONES, MASS BALANCE TABLE AND SOIL SAMPLE LOCATIONS	KIL	
9-22-89	REVISED NOTATION ON TEST HOLE NO. 3	KIL	

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 APR 13 2012
 DIV. OF OIL, GAS & MINING

CONTOUR INTERVAL: 5'
 CAD FILE NAME/DATE: 041003108

ENERGY WEST MINING COMPANY
 A SUBSIDIARY OF PACIFICORP

COTTONWOOD/WILBERG COAL MINE
 WASTE ROCK STORAGE FACILITY
 TOPSOIL STRIPPING MAP WITH MASS BALANCE TABLES
 DRAWN BY: K. LARSEN
 CM-10831-WB
 SCALE: 1"=100'
 DRAWING #: _____
 SHEET 1 OF 1
 REV: _____

DATE: APRIL 11, 2012



7-2

E 1/4 CORNER
 SECTION 34
 E 2110.130 928
 N 352.642 212