LOCATION	50+00	52+00	54+00	DBDA11U	DBDA12U	DBDA13U	DBDA21U	DBDA22U	DBDA23U
R	10	10	10	10	10	10	10	10	10
K	0.32	0.32	0.28	0.20	0.20	0.20	0.20	0.20	0.21
LS	19.4	21.3	23.5	14.5	16.2	14.3	13.3	7.71	16.3
C	0.04	0.03	0.03	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
P	0.08	0.08	0.08	1.00	1.00	1.00	1.00	1.00	1.00
SDR	0.01	0.01	0.01	1.00	1.00	1.00	1.00	1.00	1.00
A	0.19	0.21	0.2	0.05	0.05	0.05	0.05	0.03	0.05
SY	0.02	0.02	0.02	0.05	0.05	0.05	0.05	0.03	0.05

SOIL LOSS AND SEDIMENT YIELD COMPUTATION WORKSHEET

RECEIVED
FEB 02 2004
DIV. OF OIL, GAS & MINING

I, DOUGLAS E. JOHNSON BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Douglas E. Johnson 1-26-04
DOUGLAS E. JOHNSON NO. 160554-2202 DATE

REGISTERED PROFESSIONAL ENGINEER
No. 160554-2202
DOUGLAS E. JOHNSON
STATE OF UTAH

CAD FILE NAME/DISK#: KS1881D

ENERGY WEST MINING COMPANY
HUNTINGTON, UTAH 84528

COTTONWOOD MINE
COTTONWOOD FAN PORTAL
RUSTLE HILLSLOPE PROFILE MAP

DRAWN BY:	D. OAKLEY
SCALE:	1"=100'
DATE:	JANUARY 26, 2004
DRAWING #:	KS-1881D
SHEET 1 OF 1	REV. —

— — — OLD JOHNSON MINE SITE

UNDISTURBED OLD JOHNSON MINE SITE

NW 1/4 SW 1/4 25 NE 1/4 SE 1/4

N 3000000 E 2080000

PUBLIC ROAD
CONCRETE BARRIER
OFFICE
BATHHOUSE
SHOP
OFFICE
64+00
63+56
63+52
62+52
63+04
DIESEL HOADWAY PORTAL
SUBSOIL STORAGE (CFP)
DISTURBED AREA PERIMETER
U.S. FOREST SERVICE FEE LAND BOUNDARY LINE
BELT PORTAL
DISTURBED AREA PERIMETER
EXISTING PORTALS OF THE OLD JOHNSON MINE
RECLAIMED SEDIMENTATION BASINS
ROCK CHUTE
ROCK CHUTE STORAGE AREA
OUT-HOUSE
JOHNSON MINE SITE UNDISTURBED
REVEGETATED AREA
DITCH DD4
152 ft. 49.3%
149.0 ft. 47%
255.0 ft. 59%
160.0 ft. 81.25%
160.0 ft. 81.25%
54+00
52+00
50+00
UNDISTURBED DITCH
DISTURBED AREA PERIMETER
PROPOSED COTTONWOOD FAN PORTAL AREA
DISTURBED AREA PERIMETER
EMERY COUNTY ROAD
SEDIMENTATION POND
INTAKE PORTAL
ANCILLARY ROAD
STORAGE
CAP STORAGE
ROCK DUST STORAGE
CONCRETE BARRIER
CONCRETE & SHOTCRETE
COAL STORAGE
WASTE ROCK STORAGE
TRUCK LOADOUT 600 TON SILO
NON-COAL TRASH BUNKER
MAGAZINE
MAGAZINE ROAD
WATER TANK
POWER HOUSE
SHOP/OFFICE
GUARD STATION
SHOP
OFFICE
BATHHOUSE
58+94
58+90
58+75
58+50
57+75
57+50
57+25
56+75
56+50
55+75
55+50
55+25
54+75
54+50
54+25
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