R 12 E

T 15 S

TOP OF POND

COMPACT BERM

CONTROL BOX

DECANT

VALVE BOX

NEW CONSTRUCTED CHANNEL TO SLOPE 1.1% TO POND (SIDECAST EXCESS MATERIAL ON DOWNSTREAM SIDE)

CLOSED BASIN (NO RUNOFF TO POND)

APPROXIMATE PERMIT AREA

COMPACT BERM

EMERGENCY SPILLWAY

PROPOSED SUBSTATION LOCATION

PRINCIPAL SPILLWAY

DITCH

24 IN. CULVERT

SUBSTATION ACCESS

DRAINAGE

SECTION 16

SECTION 15

NOTE: PROPOSED AREA WILL BE GRAVELED

REGRADE EXISTING CHANNEL BOTTOM TO 0.2% SLOPE TO NEW POND. (SIDECAST EXCESS MATERIAL ON DOWNSTREAM SIDE)

TEST PLOT BOUNDARY

TEST PLOT (SMALL AREA EXEMPTION)

SILT FENCE

DRIVE-THROUGH

EMBANKMENT

ROCK COVERED SLOPE

DRIVE-THROUGH COMPACT BERM

COALING TOWER

LOADING DOCK

RW'S

TANK

OBJ'S

CONVEYOR

RW

PILE

DRIVE THROUGH

COMPACT BERM

SILT FENCES

- ADDITIONAL PERMIT AREA, APPROXIMATELY 0.83 ACRES (AREA ADDED AS AN INCIDENTAL BOUNDARY CHANGE, PURSUANT TO "TDN" NO. X-89-02-107(2), ISSUED 6/13/89.)

APPROXIMATE SURFACE DISTURBANCE

REGISTERED PROFESSIONAL ENGINEER No. 7102 RICHARD B. WHITE STATE OF UTAH

Richard B. White 10 Nov 1987

9-7 Plan UT 4028 2/23/89 As Built Drawing

RECEIVED OCT 16 1989 DIVISION OF OIL, GAS & MINING

REVISIONS		
NO.	DATE	BY
1	9-21-89	K.TEW
2	2-23-89	K.TEW
3	8-22-89	BLP

Soldier Creek Coal Company

SOLDIER CANYON MINE

SCALE:	TITLE:	DRAWING NO.
1"=50'	RUNOFF CONTROL MEASURES	D 224
DRAWN BY: E. FRANCO, DATE: NOV. 87	CHECKED: R. B. WHITE, DATE: NOV. 87, APPROVED, DATE	EXHIBIT 5.2-1

Prepared By: ANALYTICAL SURVEYS, INC., 1675 Larimer Square, Suite 400, Colorado Springs, CO 80918