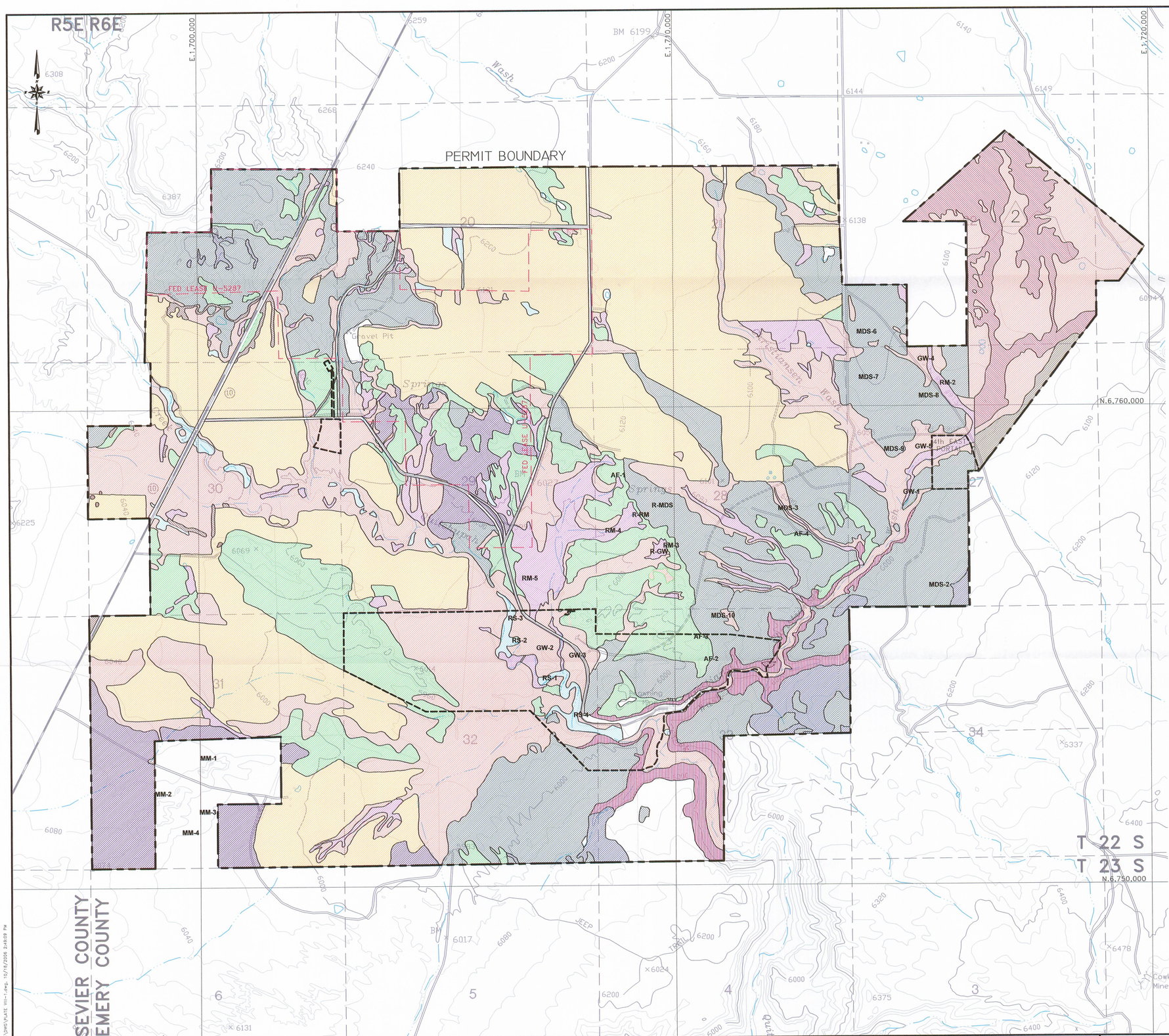


## LEGEND

- EXISTING OR POTENTIAL CONSOL SURFACE OPERATIONS AREA (SOME VEGETATION REMOVED)
- PASTURE LAND/HAYLAND
- RIPARIAN MEADOW
- RIPARIAN SHRUBLAND
- GREASEWOOD SHRUBLAND
- MIXED DESERT SHRUBLAND
- MATSCALE SHRUBLAND
- PINYON–JUNIPER WOODLAND
- COTTONWOOD WOODLAND
- ANNUAL FORBES
- SALT GRASS
- SHADSCALE
- OTHER SURFACE DISTURBANCE
- ROCK OUTCROP/TALUS

REFERENCE SITE / SAMPLE SITE

| MAP SYMBOL | COMMUNITIES |
|---|---|
| R–RM | RIPARIAN MEADOW |
| RM–1 | RIPARIAN MEADOW |
| RM–2 | RIPARIAN MEADOW |
| RM–3 | RIPARIAN MEADOW |
| RM–4 | RIPARIAN MEADOW |
| RM–5 | RIPARIAN MEADOW |
| RS–1 | RIPARIAN SHRUBLAND |
| RS–2 | RIPARIAN SHRUBLAND |
| RS–3 | RIPARIAN SHRUBLAND |
| RS–4 | RIPARIAN SHRUBLAND |
| R–GW | GREASEWOOD SHRUBLAND |
| GW–1 | GREASEWOOD SHRUBLAND |
| GW–2 | GREASEWOOD SHRUBLAND |
| GW–3 | GREASEWOOD SHRUBLAND |
| GW–4 | GREASEWOOD SHRUBLAND |
| GW–5 | GREASEWOOD SHRUBLAND |
| R–MDS | MIXED DESERT SHRUBLAND |
| MDS–1 | MIXED DESERT SHRUBLAND |
| MDS–2 | MIXED DESERT SHRUBLAND |
| MDS–3 | MIXED DESERT SHRUBLAND |
| MDS–4 | MIXED DESERT SHRUBLAND |
| MDS–5 | MIXED DESERT SHRUBLAND |
| MDS–6 | MIXED DESERT SHRUBLAND |
| MDS–7 | MIXED DESERT SHRUBLAND |
| MDS–8 | MIXED DESERT SHRUBLAND |
| MDS–9 | MIXED DESERT SHRUBLAND |
| MDS–10 | MIXED DESERT SHRUBLAND |
| MM–1 | MATSCALE SHRUBLAND |
| MM–2 | MATSCALE SHRUBLAND |
| MM–3 | MATSCALE SHRUBLAND |
| MM–4 | MATSCALE SHRUBLAND |
| AF–1 | ANNUAL FORBS |
| AF–2 | ANNUAL FORBS |
| AF–3 | ANNUAL FORBS |
| AF–4 | ANNUAL FORBS |

FILE IN Expandable 10/19/2006
Refer to Record No. 0078
in C0150015, 2006, Incoming
for additional information

## SURFACE OPERATIONS AREA

| VEGETATION COMMUNITIES | ACRES |
|---|---|
| PRIME FARMLAND CROPLAND | NONE |
| PASTURE LAND / HAYLAND | NONE |
| RIPARIAN MEADOW | 10.2 |
| RIPARIAN SHRUBLAND | 17.9 |
| WATER | NONE |
| ROCK/ROCK OUTCROP/TALUS | 17.1 |
| GREASEWOOD SHRUBLAND | 171.9 |
| MIXED DESERT SHRUBLAND | 95.7 |
| MATSCALE SHRUBLAND | NONE |
| PINYON–JUNIPER WOODLAND | NONE |
| COTTONWOOD WOODLAND | NONE |
| ANNUAL FORBS | 102.9 |
| ROADS | 5.8 |
| INDUSTRIAL (COAL MINING) | 19.5 |
| OTHER DISTURBED LANDS | NONE |
| TOTAL | 441.0 |

| LAND USES | ACRES |
|---|---|
| GRAZING / WILDLIFE HABITAT | 415.7 |
| INDUSTRIAL (COAL MINING) | 19.5 |
| ROADS | 5.8 |
| TOTAL | 441.0 |

RECEIVED
OCT 23 2006
DIV. OF OIL, GAS & MINING

REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
STATE OF UTAH

EarthFax

BASE MAP:
U.S.G.S. 7.5 MINUTE QUADRANGLE'S, EMERY WEST 1968, EMERY EAST 1968, PHOTO REVISED 1978.
MESA BUTTE 1968, PHOTO REVISED 1978.
WALKER FLATE 1968, PHOTO REVISED 1978.

COORDINATE SYSTEM:
STATE PLANE COORDINATES.
NAD 83 CONUS
ZONE 4302–UTAH, CENTRAL – US FEET
VERTICAL DATUM – NAVD 88–US FEET

ORIGINAL FIELD SURVEY:
1/80 AND REPORT 12/80 BY STOECKER–KEAMMERER AND ASSOC.

EXTERNAL REFERENCE:
G:\UC982\03\DWG\XREF–USGSMAP.DWG
G:\UC982\03\DWG\XREF–PERMBOUND.DWG
G:\UC982\03\DWG\XREF–SECTION.DWG

| REVISIONS NO. | DATE | BY | DESCRIPTION | NO. | DATE | BY | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 1 | 8/20/01 | TDK | AM01B AMMENDMENT TO REFERENCE AREA | | | | |
| 2 | 6/30/05 | JAG | ADDED FIRST NORTH I.B.C. | | | | |

0' 1000'
SCALE: 1" = 1000'
CONTOUR INTERVAL = 40'

DRAWN BY: SWF
CHECKED BY: JAG
ORIGINAL DATE: 8/95
RE–DRAWN DATE: 12/05
APPROVED BY: JAG
DWG DATA: G:\UC982\03\DWG\PLATE VIII–1.DWG

EMERY MINE
EMERY COUNTY, UTAH
PERMIT NO.
ACT015/015

**CONSOLIDATION COAL COMPANY**
P.O. BOX 566
SESSER, IL 62884–0566

~~PLATE VIII–1~~
VEGETATION AND LANDUSE MAP

UC982\03 – Map revisions\DWG\PLATE VIII–1.dwg, 10/18/2006 2:48:09 PM