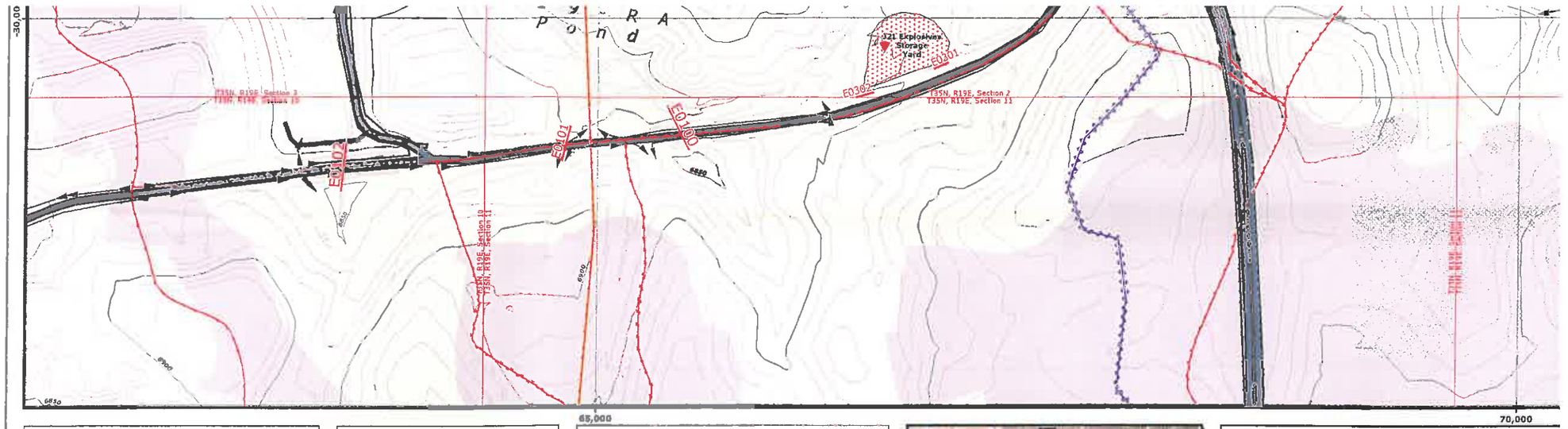


ENGINEER'S CERTIFICATION

James R. Schlickeisen
Engineering Manager
Peabody Western Coal Company

Registered Professional Engineer (Civil)
CERTIFICATE NO. 18782
JAMES R. SCHLICKEISEN
ARIZONA, U.S.A.

JAN 04 2008
Date

MAP REVISIONS

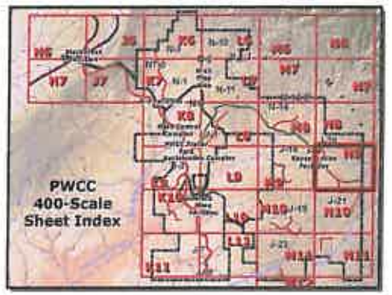
CHK'D	DATE	DESCRIPTION
JRS	Aug 15, 2004	OSM Response
JGS	Jan 14, 2005	N09 5 Year Mineplan Rev
JGS	Jun 15, 2005	N09 Facilities Revision
JGS	Sep 30, 2005	N09 & N06 Facilities Revision
JGS	Dec 13, 2005	N09 Sequence Revision
JGS	Jan 20, 2006	OSM Response
JGS	Feb 4, 2006	N06 Road As-Built Response
JGS	Feb 24, 2006	N09 Facilities Revision
GW	Apr 12, 2006	TCPs and Roads Revision
JGS	May 9, 2006	N09 Road As-Built
JGS	Jul 12, 2006	Airport Rd / WW6 Waterline Revision
JGS	Aug 30, 2006	Road Alignment Revision
JRS	Dec 21, 2007	Bottom Upgrade / Mine-wide feature updates

85400 NOTES:

1. SEE DRAWING NO. 85360 FOR THE MINING AFFECTED LANDS.
2. SEE DRAWING NO. 85405 FOR THE GENERAL LOCATION OF THESE STRUCTURES.
3. SEE DRAWING NO. 85460-85490 FOR THE MINE SUPPORT FACILITIES MAP.
4. SEE DRAWING NO 93500 FOR THE LOCATION OF THE ENVIRONMENTAL MONITORING SITES.
5. SEE CHAPTERS 6-7 AND 20-28 FOR INFORMATION ON THE FACILITIES AND RECLAMATION PLAN.

"DRAINAGE DIRECTION ON FILL EMBANKMENTS ONLY APPLY WHEN MSHA SAFETY BERM EXIST"

"PRIMARY ROADS HAVE BEEN CONSTRUCTED OR RECONSTRUCTED AS DESIGNED AND IN ACCORDANCE WITH THE APPROVED PLAN."

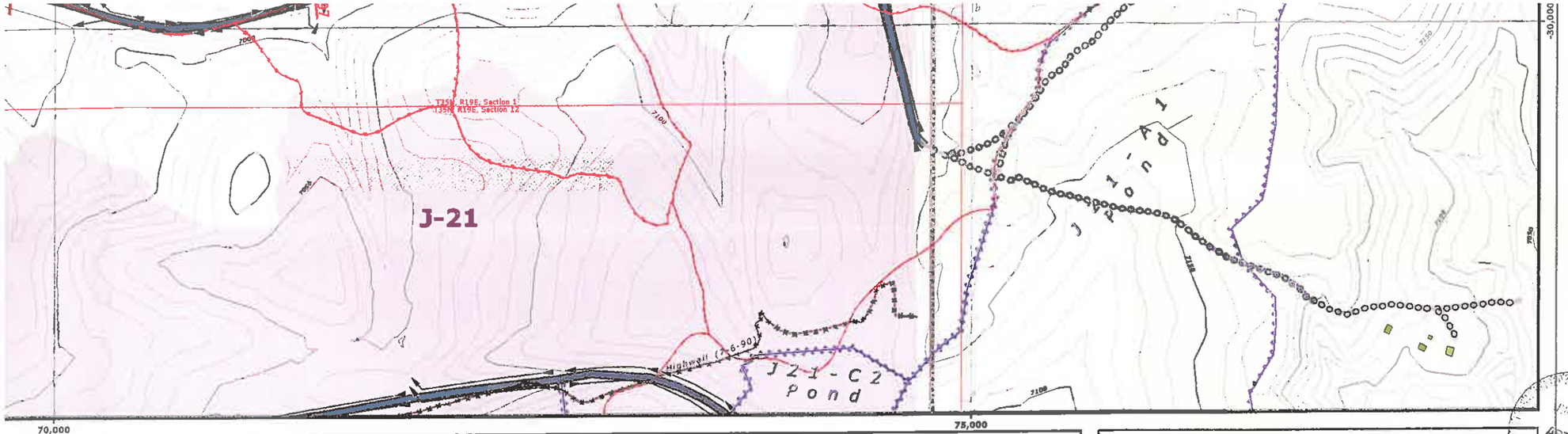


Water Impoundment Features

- Existing
- Proposed
- Reclaimed
- Impoundment/SAE Watershed Boundary

Mine Area Facilities and Structures

- PWCC Powerline
- Non-PWCC Powerline
- Coal Stockpile
- Scoria Pit
- Explosives Sto
- PWCC Buildings and Structures
- Non-PWCC Bui



Culvert Features
- Existing
- Proposed
- Culvert Watershed Boundary

Drainages and Diversions
- Major Drainage
- Road Drainage Direction
- Diversions

Other Water Features
- PWCC Water Line
- Navajo Water Well
- Sewage Facility / Lagoon

Transport Features
- PWCC Conveyor
- SRP/NGS Railroad
- PWCC Permit 01 / PWCC Permit 1D
- Primary Road
- Pit Ramp
- Ancillary Road
- Non-Mining Related Road
- Non-Mining Highway

BTCA Features
- Riprap Rock
- Rock Checkdam
- Silt Fence
- Straw Bales
- Revegetated Areas
- SPCC Point Feature

daimed
lary
CC Powerline
Explosives Storage Facility
Non-PWCC Buildings / Residences

Mining Status Data
- Future Mining Areas
- Mined-Out Areas
- Highwall (7/6/1990)

Administrative Boundaries
- 01 Permit Line
- 1D Permit Line
- PWCC Lease Line
- Pre-Law Areas
- Navajo-Hopi Partition Line

Drainage Area and Facilities Map
Drawing #85400
Sheet N9

Produced by PWCC GIS
Jan 09, 2008

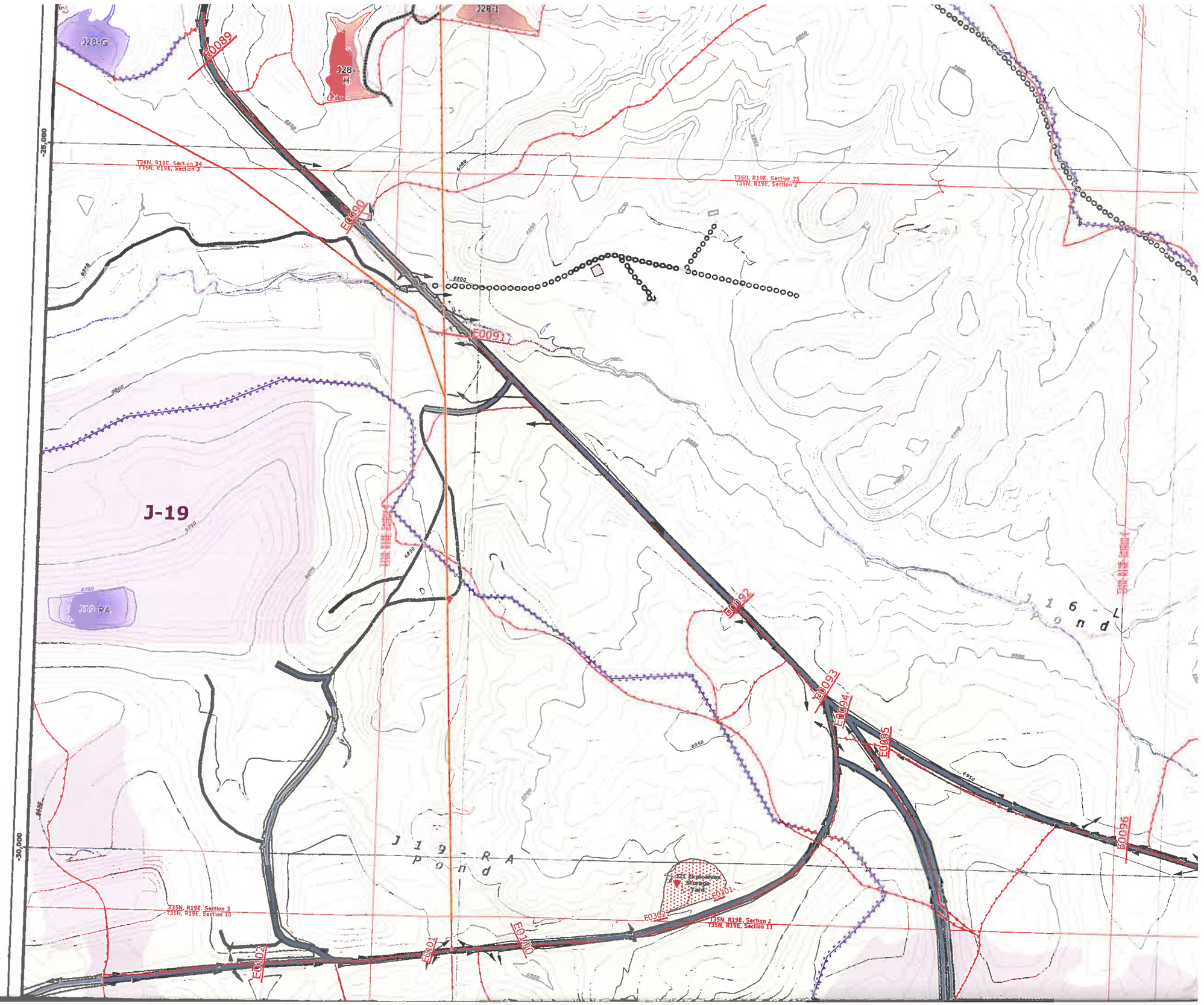
N

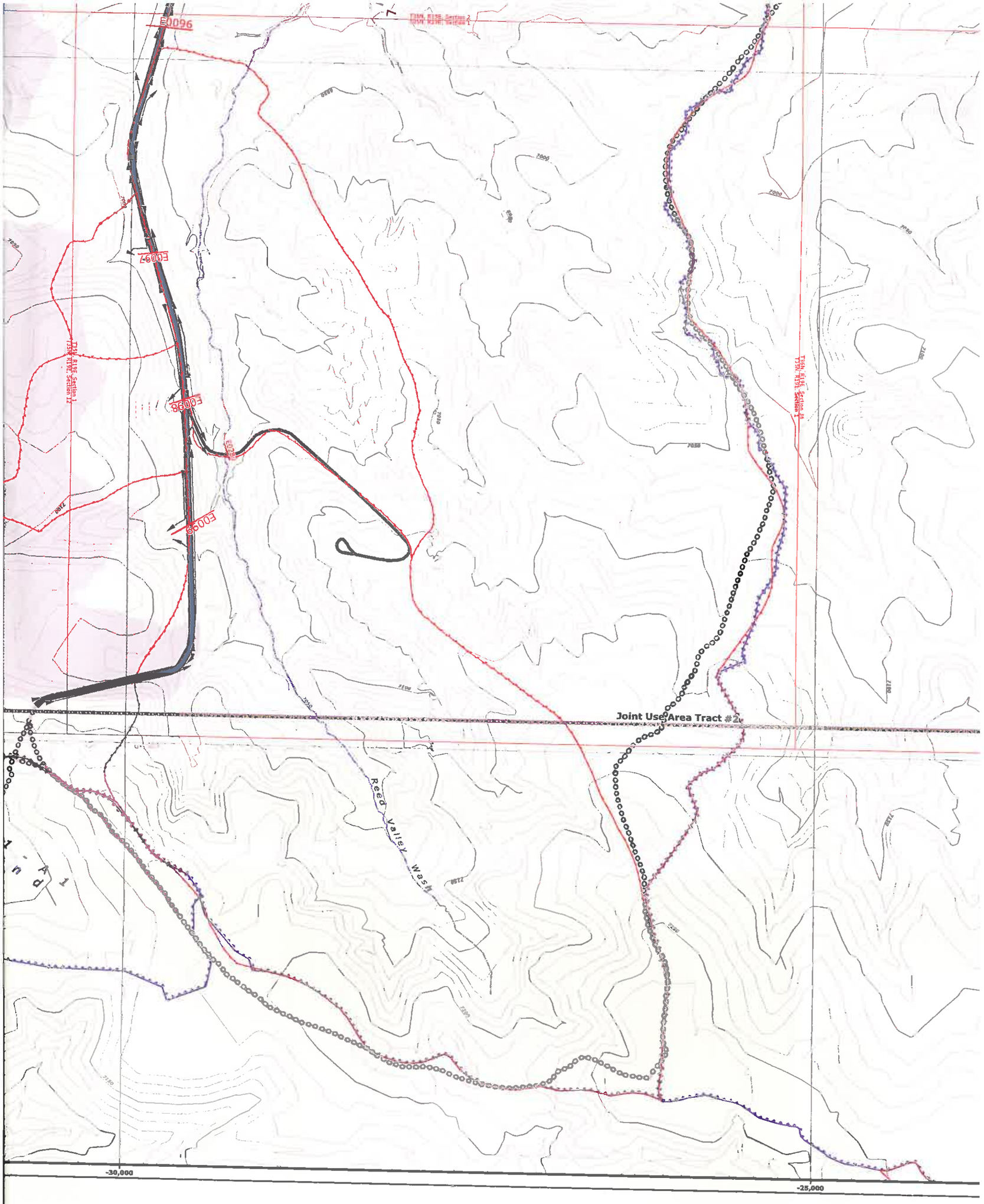
0 100 200 400 Feet
1 Inch = 400 Feet

10 foot Interval
Indexes at 50 feet

PEABODY WESTERN
Black Mesa Complex
PO Box 650
Kayenta, Arizona 86033

APPROVED


J28-G
J28-H
J28-I
E0089
E0090
E0091
E0092
E0093
E0094
E0095
E0096
E0101
E0102
E0100
E0302
T36N, R19E, Section 34
T35N, R19E, Section 3
T36N, R19E, Section 35
T35N, R19E, Section 2
J-19
J19-PA
J 19 - R A
P o n d
J 16 - L
P o n d
J-22E Explosives Storage Yard
T35N, R19E, Section 3
T35N, R19E, Section 10
T35N, R19E, Section 2
T35N, R19E, Section 11
-25,000
-30,000


E0096
E0097
E0098
E0099
T19N, R19E, Section 12
T19N, R19E, Section 1
Joint Use Area Tract #2
Reed Valley Wash
-30,000
-25,000

75,000
-20,000
-25,000
J-16-A
Pond
T36N, R19E, Section 36
T35N, R19E, Section 1
Joint Use Area Tract #2
7300
7290
7280
7270
7260
7250
7240
7230
7220
7210
7200
7190
7180
7170
7160
7150
7140
7130
7120
7110
7100
7090
7080
7070
7060
7050
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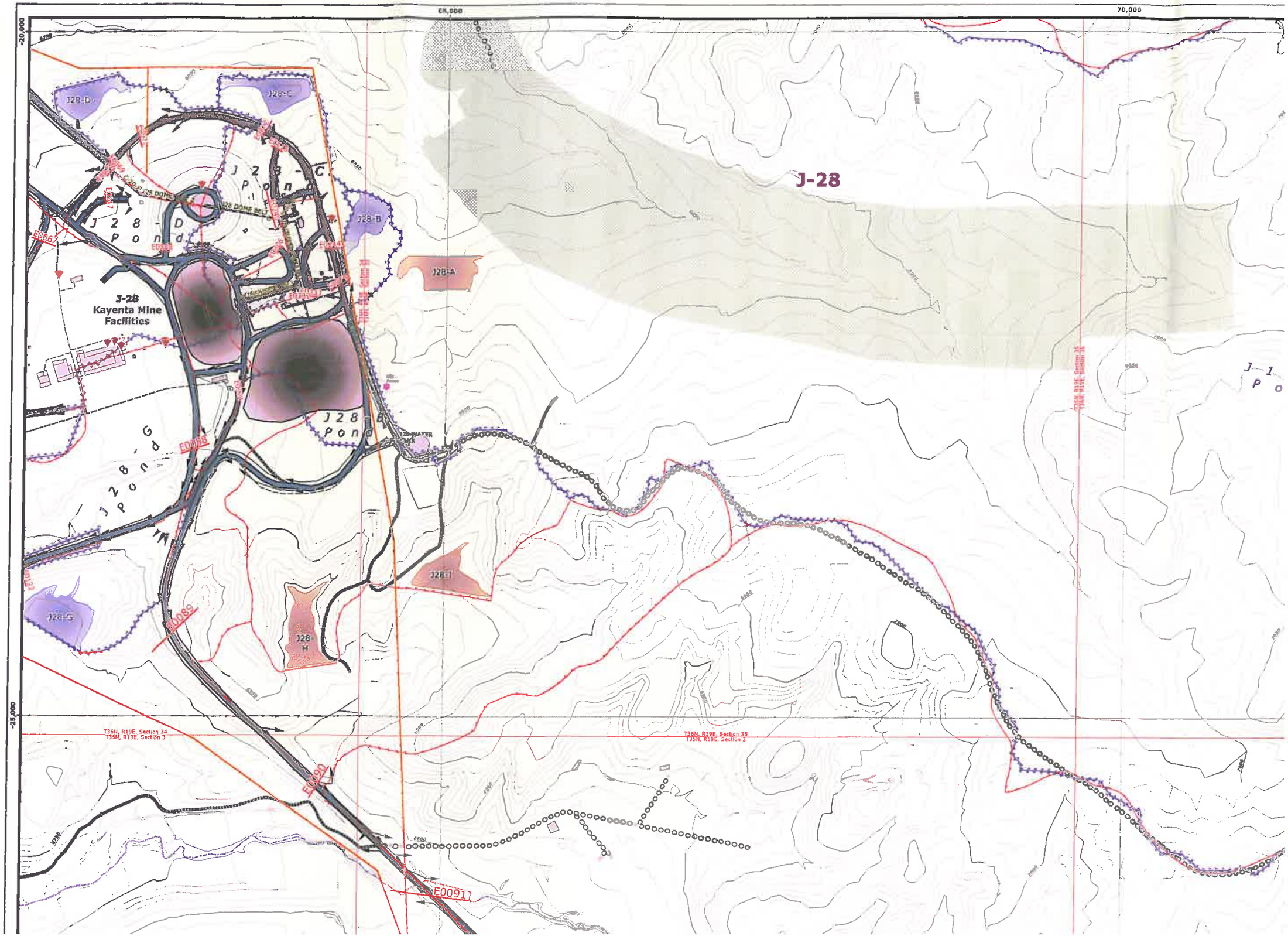
6910
6900


-20,000
65,000
70,000
-25,000
J-28
J-28
Kayenta Mine
Facilities
J28-D
J28-C
J28-B
J28-A
J28-G
J28-H
J28-I
J28 Pond
J28-D Pond
J28-C Pond
J28-G Pond
J-1 Pond
J28-WATER TANK
J28 DOME
J28 DOME BELT
E00067
E00068
E00069
E00089
E00090
E00091
T36N, R19E, Section 34
T35N, R19E, Section 3
T36N, R19E, Section 35
T35N, R19E, Section 2