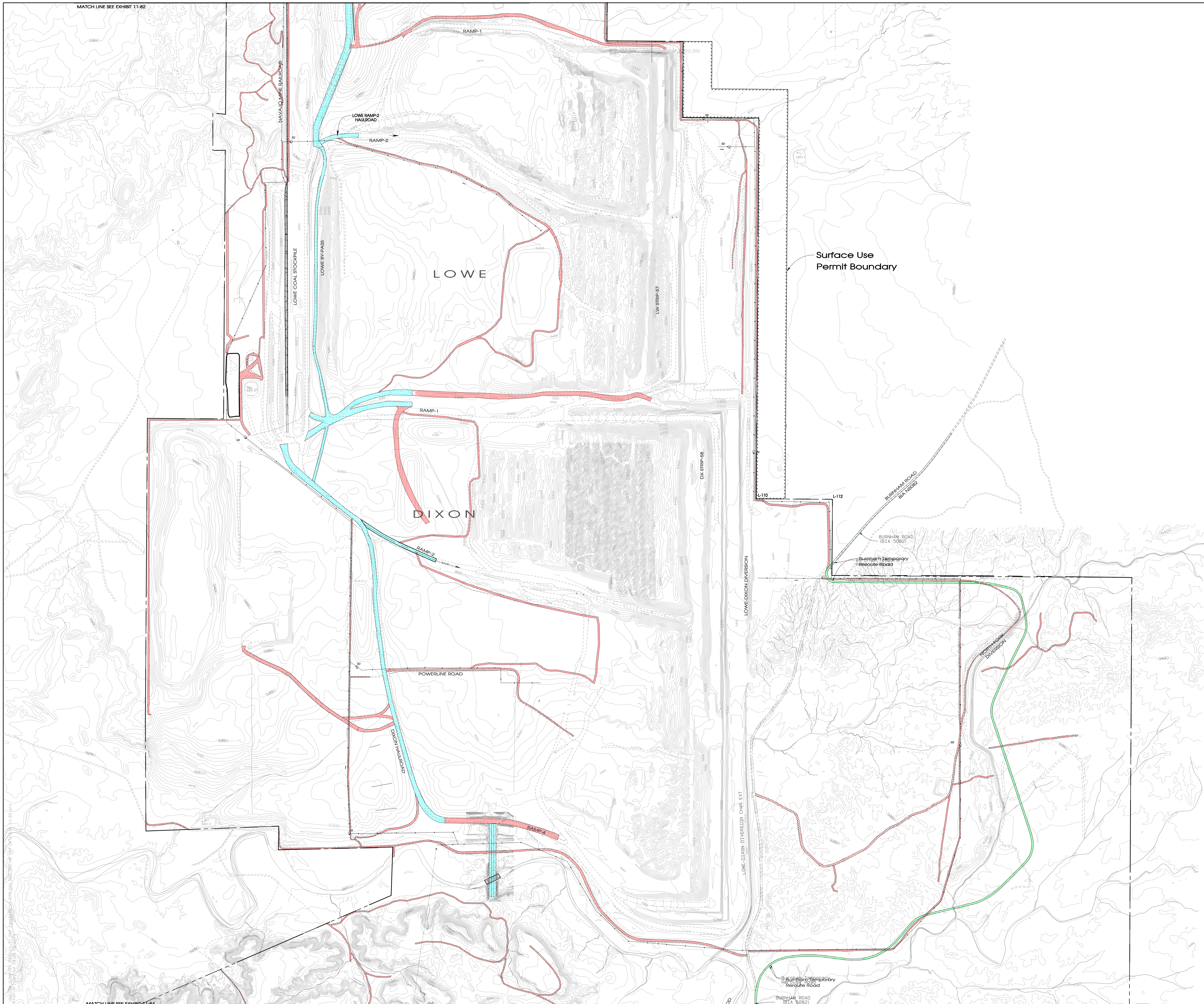
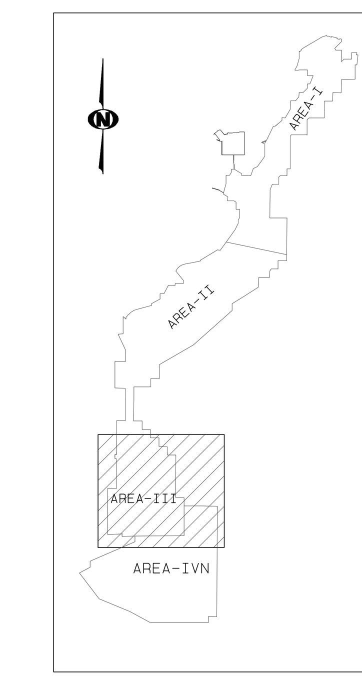


LEGEND

- PAVED ROAD
- DIRT ROAD
- HAUL ROAD
- TRAIL
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- × 5338.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- INTERMEDIATE CONTOUR
- 218 5422.45 HORIZ. & VERT. CONTROL
- L-30 LEASE CORNER
- PERMIT/LEASE BOUNDARY
- PRIMARY ROADS
- ANCILLARY ROADS
- PUBLIC ACCESS ROADS

NOTE:
ONLY ROADS ON PERMANENT PROGRAM LANDS WERE CLASSIFIED.
SEE EXHIBIT 1_4-1 OF 7 THRU 1_4-7 OF 7 FOR LANDS STATUS.



500 0 500 1000
CONTOUR INTERVAL: 10'
DATE OF PHOTOGRAPHY: May 23, 1998

Revised by
Aero-Graphics, Inc.
2930 South West Temple
Salt Lake City, Utah 84115

REV. No.	DATE	DRAFT. BY	REVISION DESCRIPTION	PRE'D BY	E.Q.	P.E.	APPROVED DATE
0929	9-01-09	PJF	ADDED BURNHAM TEMPORARY REROUTE AS-BUILT ROAD AND SUBMITTED TO OSM FOR REVIEW.	KA/SSmith	YB	RCV	

Original Certified signed exhibits are maintained at the Mine Site and OSM

REV. No.	DATE	DRAFT. BY	REVISION DESCRIPTION	PRE'D BY	E.Q.	P.E.	APPROVED DATE
09-B	7-12-09	PJF	ADDED IBR EASTSIDE OF LOWE PIT AND SUBMITTED TO OSM FOR REVIEW.	KA/SSmith	YB	KAB	
09-A	6-22-09	PJF	ADDED COTTONWOOD HAULROAD CROSSING, WITH 4-8' CONCRETE BOX CULVERTS, UPDATED OTHER ACCESS ROADS AND SUBMITTAL TO OSM FOR REVIEW.	RVV	YB	RVV	
07-A	11-20-07	PJF	MID TERM SUBMITTAL TO OSM FOR REVIEW AND APPROVAL.	KA	YB	LR	
T	11-15-06	PJF	THE DXR1_TS_E AND PART OF LWR4_TS-E, HAS BEING REMOVED ALONG WITH ANCILLARY ROAD, WESTSIDE OF LOWE-DIXON DIV., AND SUBMITTED TO OSM FOR REVIEW.	KA	MC	LR	
S	8-17-06	PJF	MODIFIED ANCILLARY ROAD ALONG THE 69KV POWERLINE BETWEEN NM LEASE CORNERS L-114, L-116 NORTH OF NORTH FORK DIVERSION IN A4N, UPDATED ROAD EAST OF DIXON PIT AREA AND SUBMITTED TO OSM FOR REVIEW.	VM	KJ	LR	
R	8-29-03	PJF	MODIFIED ANCILLARY ROAD ALONG THE LEASE BOUNDARY FROM L-110 TO L-114, AREA-3, EAST DIXON PIT AREA AND SUBMITTED TO OSM FOR REVIEW.	LR	MC	LR	
Q	5-29-03	PJF	EXTENDED LOWE COAL STOCKPILE RAILROAD BY 310 FT SOUTH, MODIFIED DIXON HAULROAD AND SUBMITTED TO OSM FOR REVIEW.	DJR	MC	LR	
P	11-12-02	RY	ADDED ANCILLARY ROADS IN AREA 4 NORTH FOR POWER LINE ACCESS	LR	MC	LR	
O	7-12-02	PJF	ADDED AREA 4N ANCILLARY ROADS REROUTE BURNHAM ROAD REROUTE AND POWERLINE IN SOUTH DIXON AREA.	AAY/LR	MC	LR	
N	2-02-01	PJF	ADDED ANCILLARY ROADS IN AREA 4 NORTH.	PJF	MC	LR	
M	8-28-00	PJF	ADDED SOUTH DIXON PUBLIC ACCESS ROAD REROUTE.	KG	MC	LR	
L	6-14-00	PJF	REMOVED COLLYER ROAD IN SOUTH DIXON AREA.	LR	MC	LR	
K	3-27-00	PJF	ADDED DIXON HAULROAD AND ANCILLARY ROAD TO TOPSOIL STOCKPILE DXR1_RG_W. (DIXON PIT AREA)	LR	MC	LR	
J	1-18-99	PJF	ADDED 8750 DRAGLINE WALK ROAD (ANCILLARY)	BNC	MC	LR	
I	9-04-98	RY	MID TERM SUBMITTAL TO OSM FOR REVIEW AND APPROVAL.	BH	MC	LR	
H	7-29-98	PJF	MID TERM SUBMITTAL TO OSM FOR REVIEW AND APPROVAL.	BH	MC	LR	
G	1-13-98	PJF	UPDATED PRIMARY AND ANCILLARY ROADS	BH	PNS	LR	
F	6-16-97	PJF	UPDATED EXHIBIT				
E	9-27-96	PJF	UPDATED ROADS.				
D	5-3-96	PJF	RESUBMITTED PER OSM LETTER DATED APRIL 1, 1996 "APPROVAL OF AREA III ROAD RECLASSIFICATION".				
C	3-21-96	PJF	UPDATED PER OSM APPROVAL, COLLYER AND ANCILLARY RD.				
B	2-9-96	PJF	LOCATIONS LOWE BY-PASS, PER OSM APPROVAL, 2-22-96, AND LOWE BOXCUT ROAD PER OSM APPROVAL, 22-25-96.				
A	9-12-95	PJF	SUBMITTED TO OSM FOR APPROVAL.				

APPROVALS

CERTIFICATION STATEMENT

I, Ron C. Van Valkenburg, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.

RON C. VAN VALKENBURG NEW MEXICO 9263 LICENSED PROFESSIONAL ENGINEER

EXHIBIT 11-83

BHP NAVAJO COAL COMPANY

NAVAJO MINE

P.O. BOX 1717 FRUITLAND, NEW MEXICO 87416

AREAS II AND IVN ROADS AND RAILROADS LOCATION MAP

PREPARED BY PJF	DRAWN BY PJF	SCALE 1" = 500'
APPROVED BY	DATE Sept. 11, 1995	

MAP LOCATION: (See Lower Left Corner)