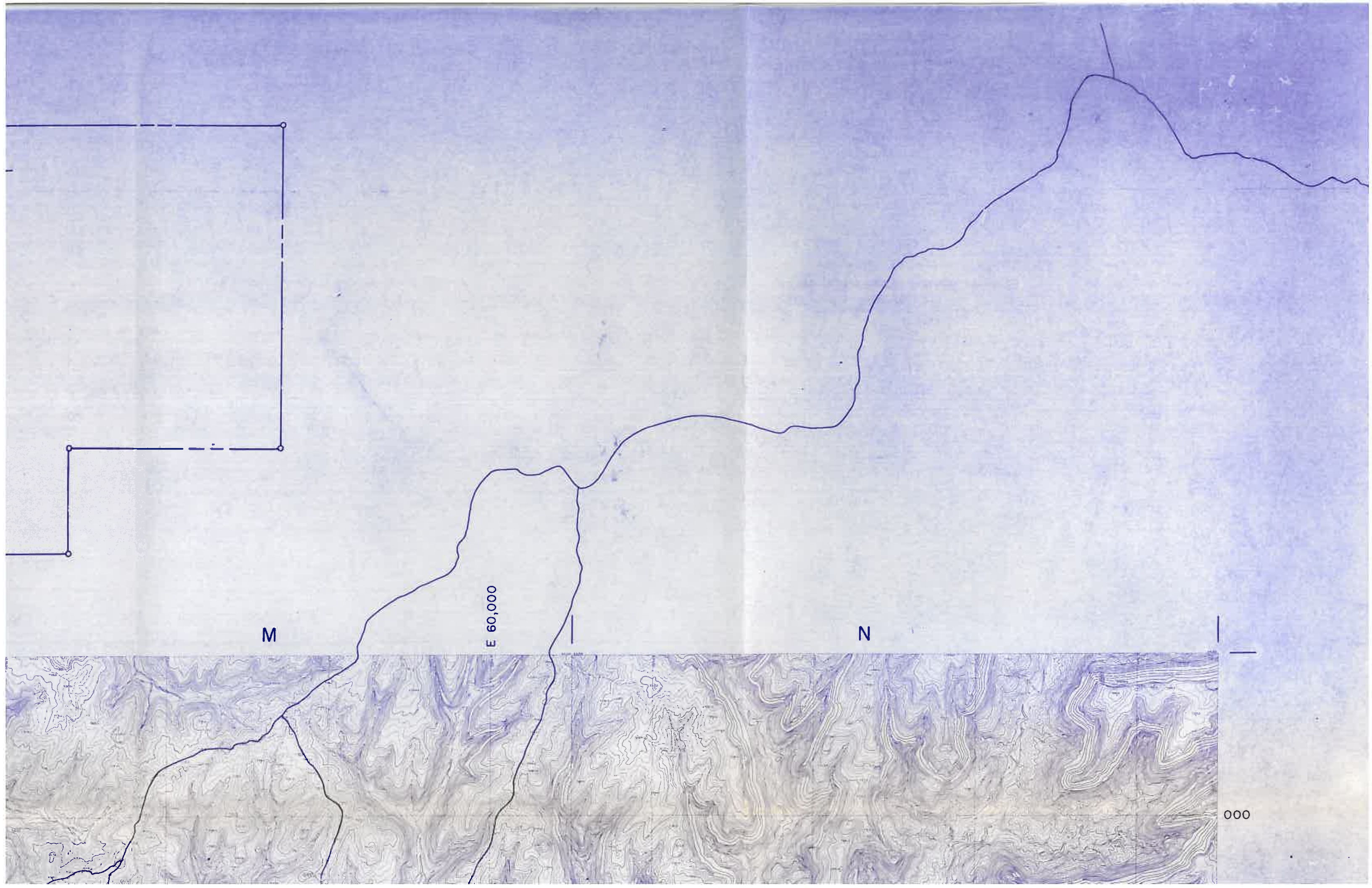
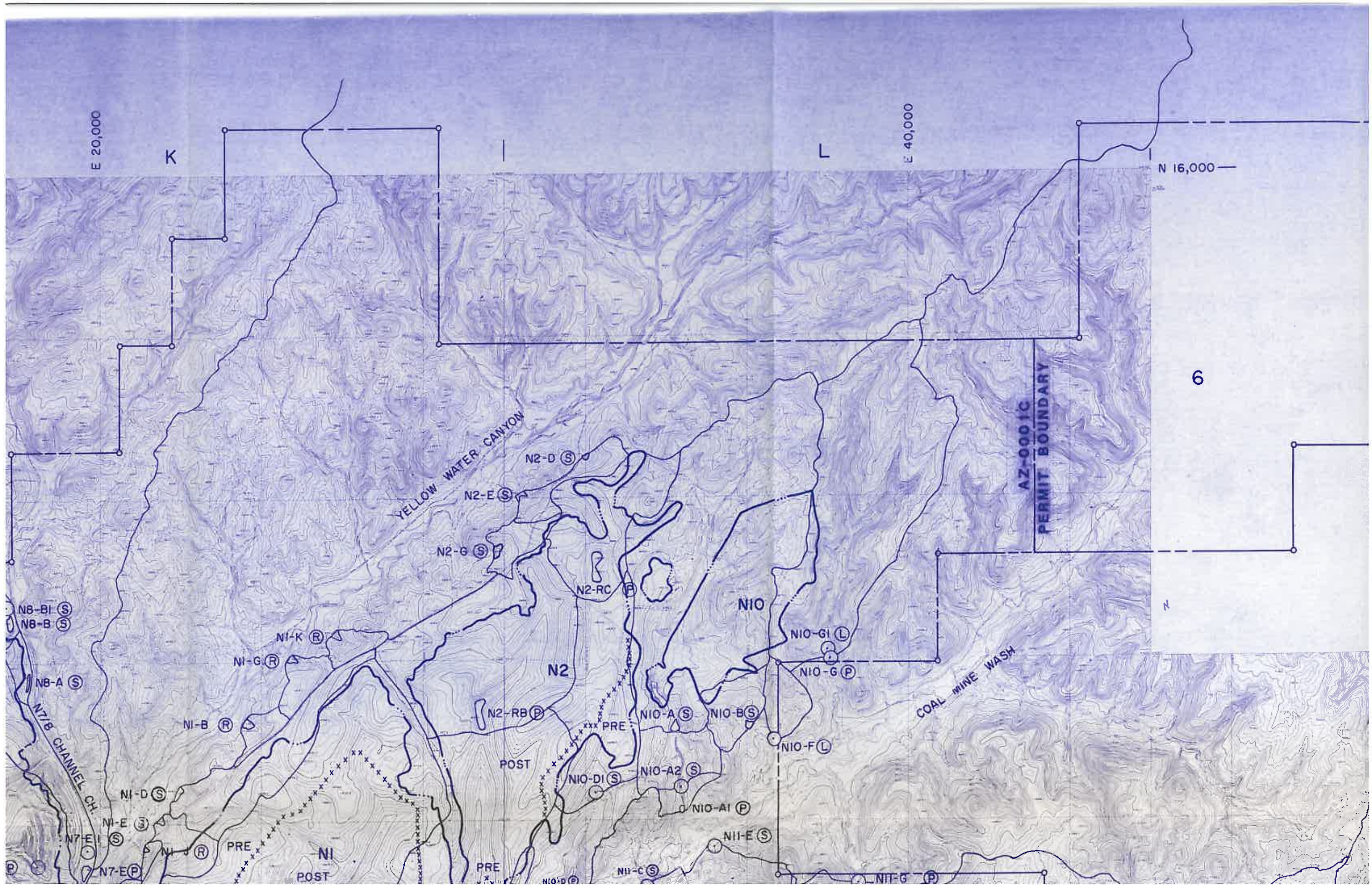
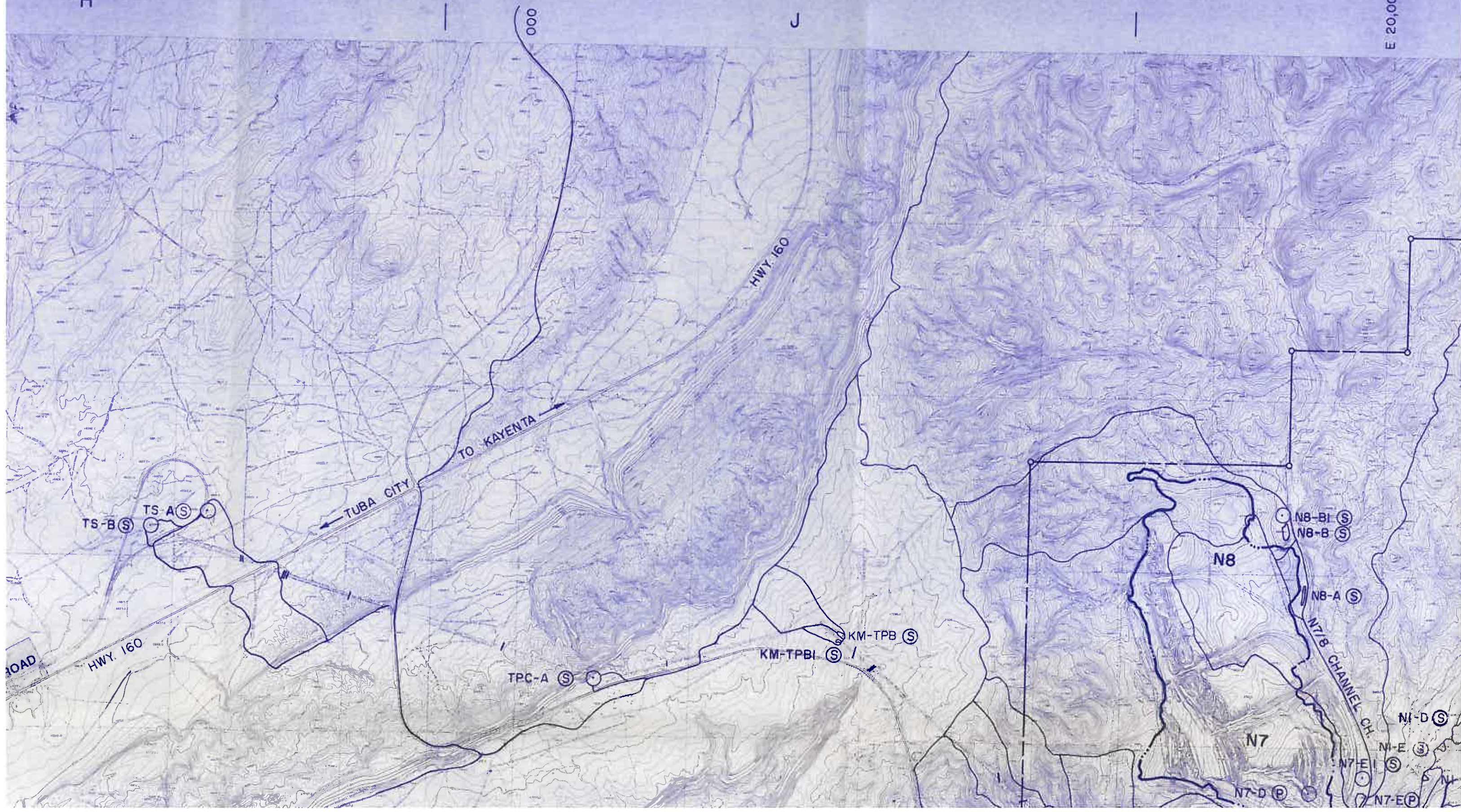






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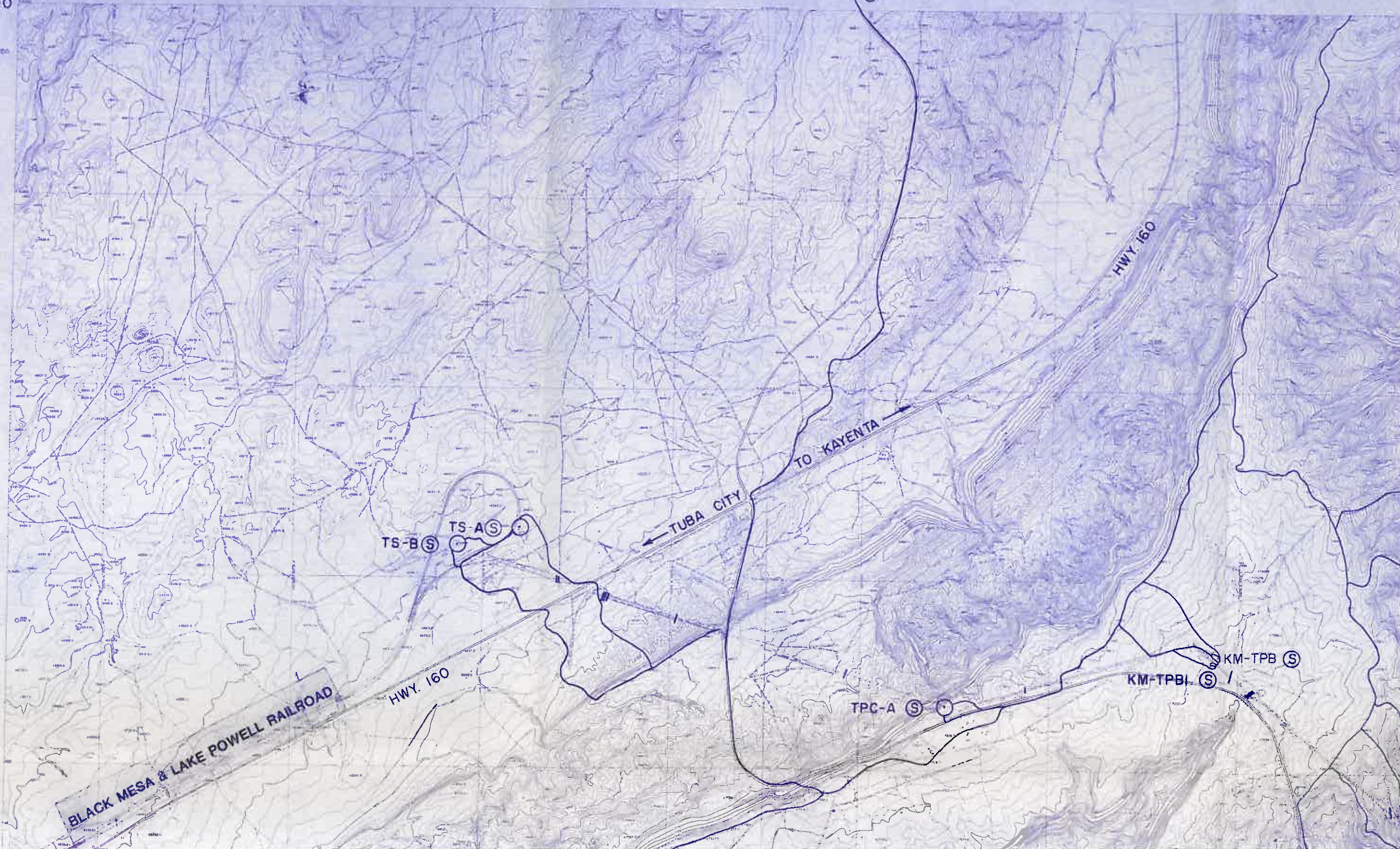
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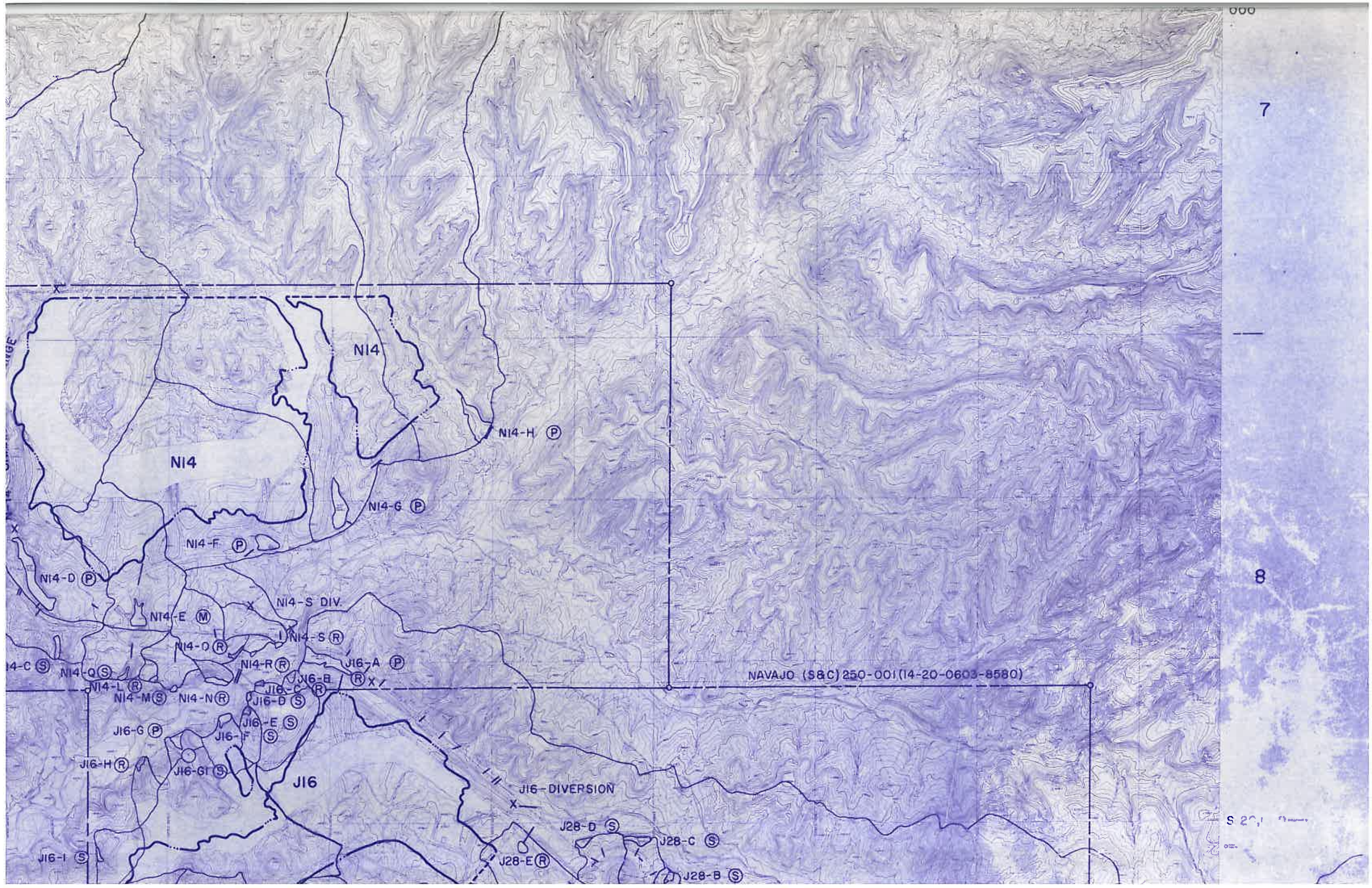
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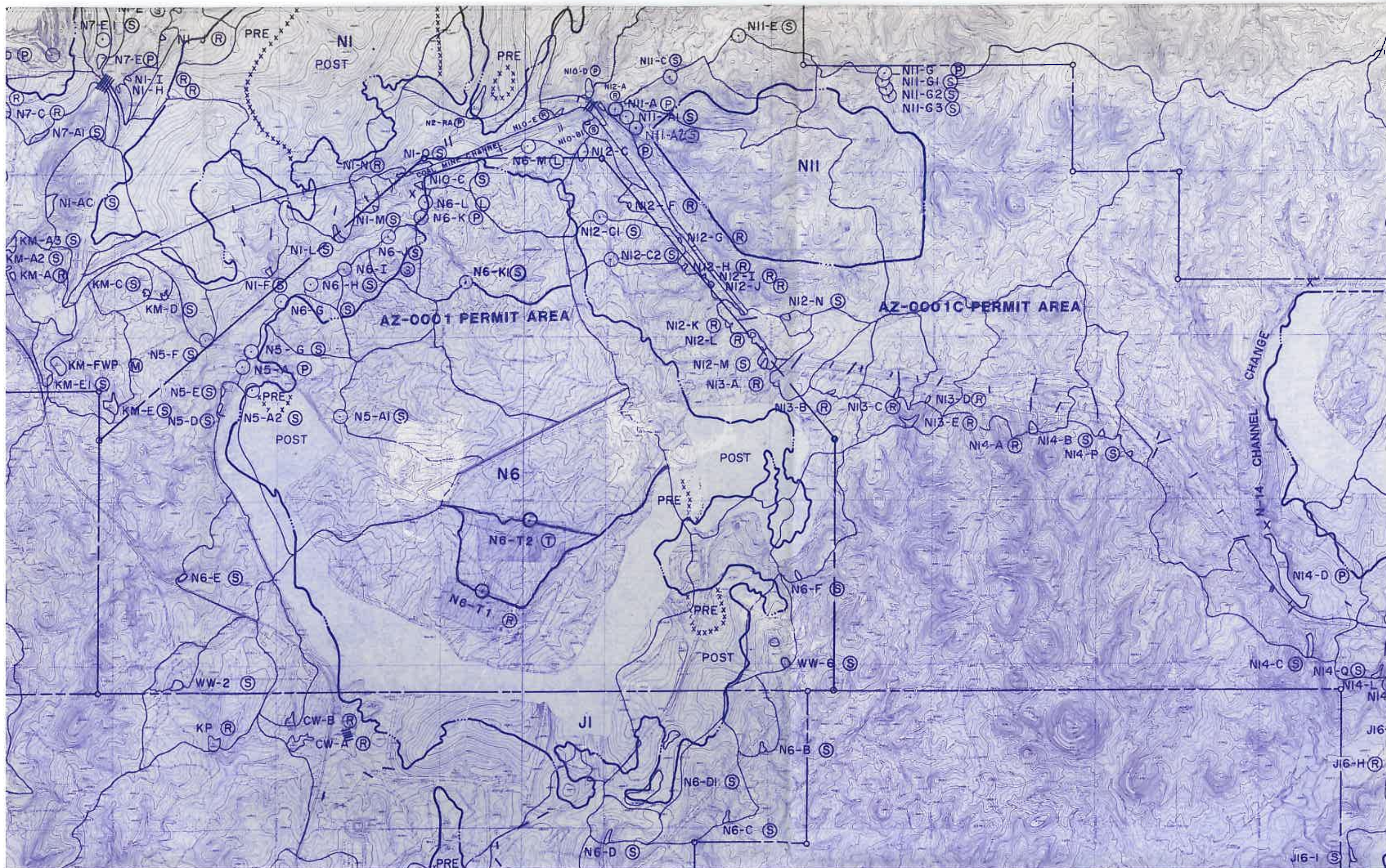


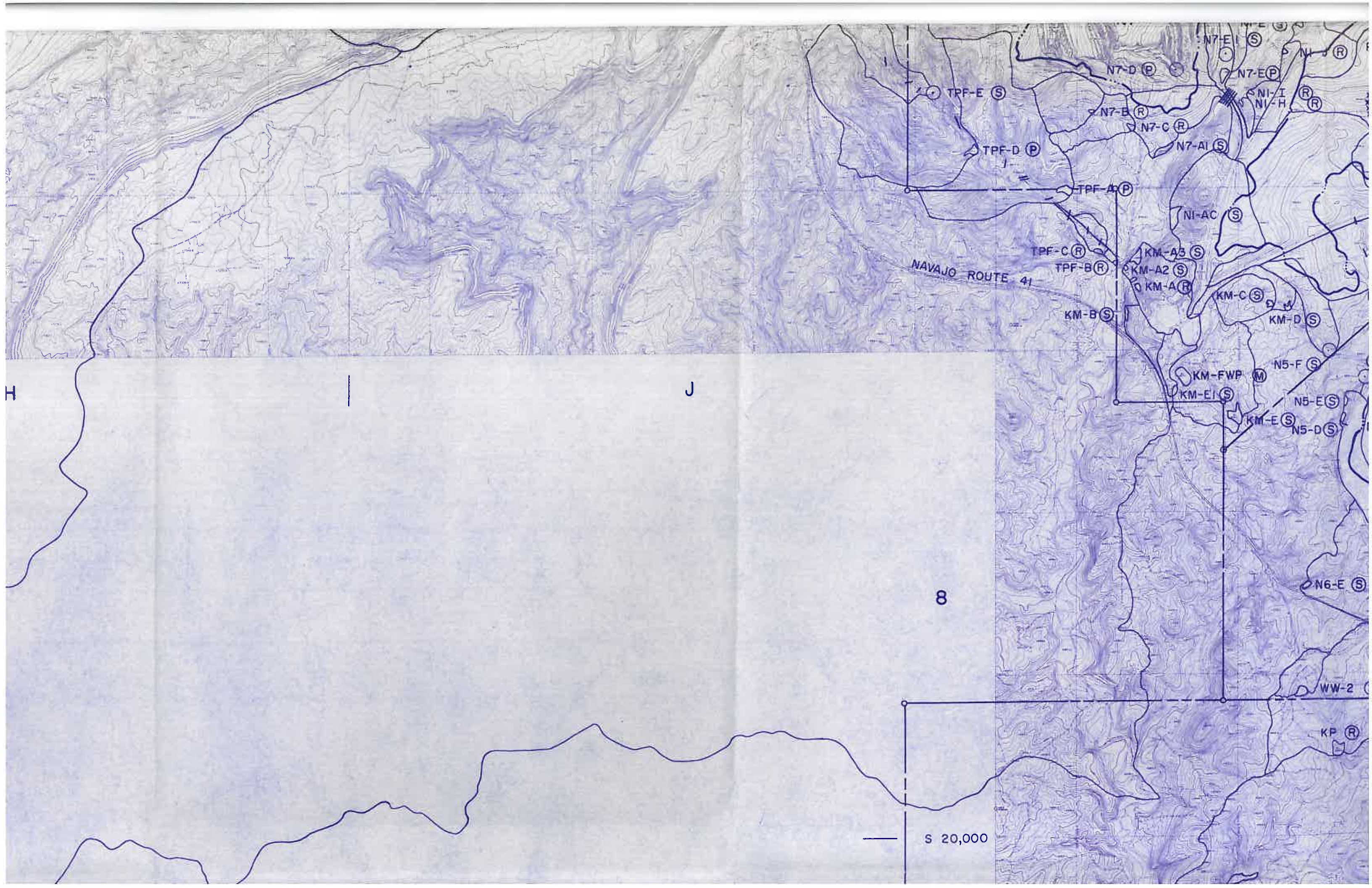
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8

NAVAJO (S&C) 250-001 (14-20-0603-8580)

S 201

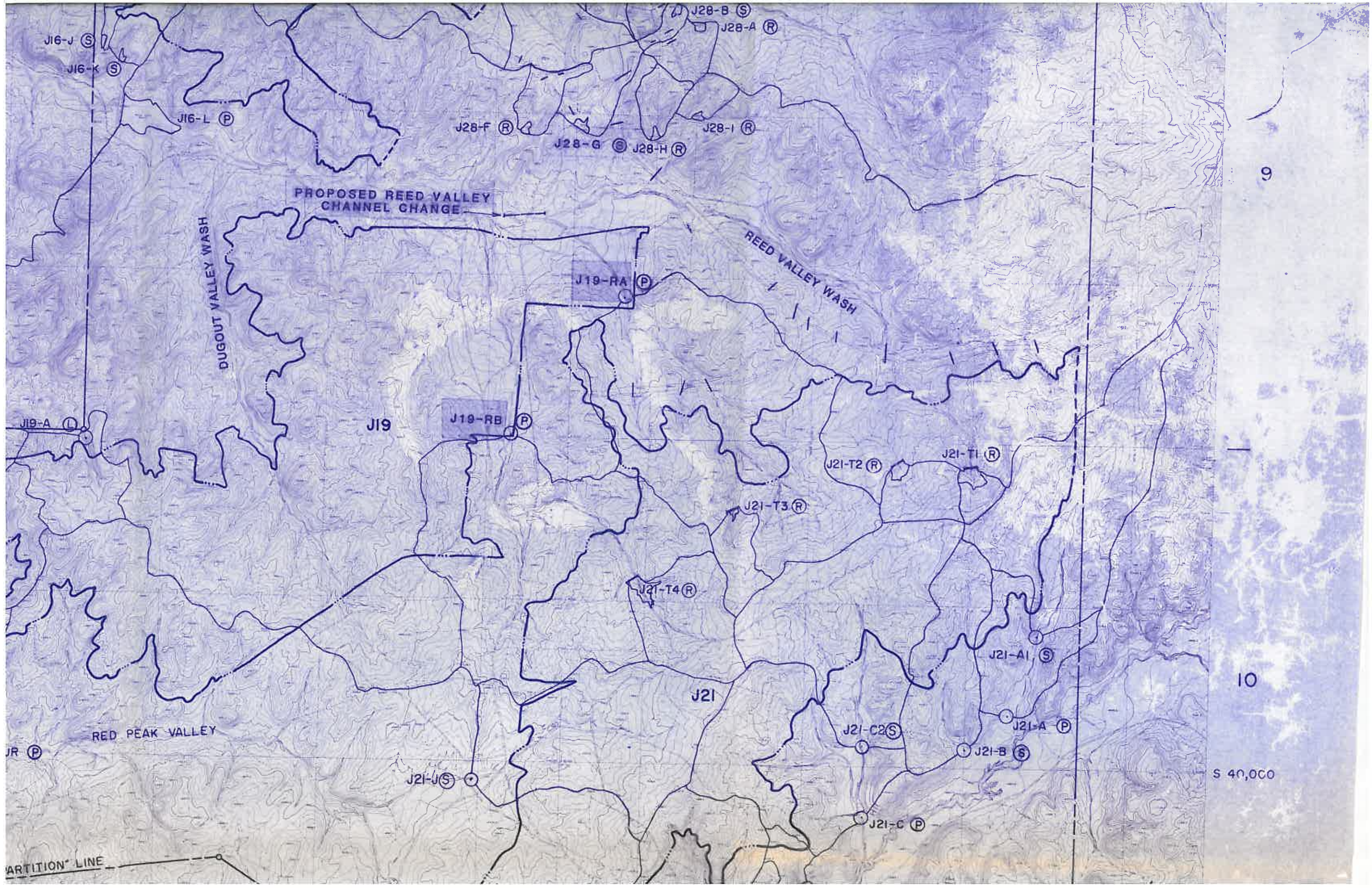






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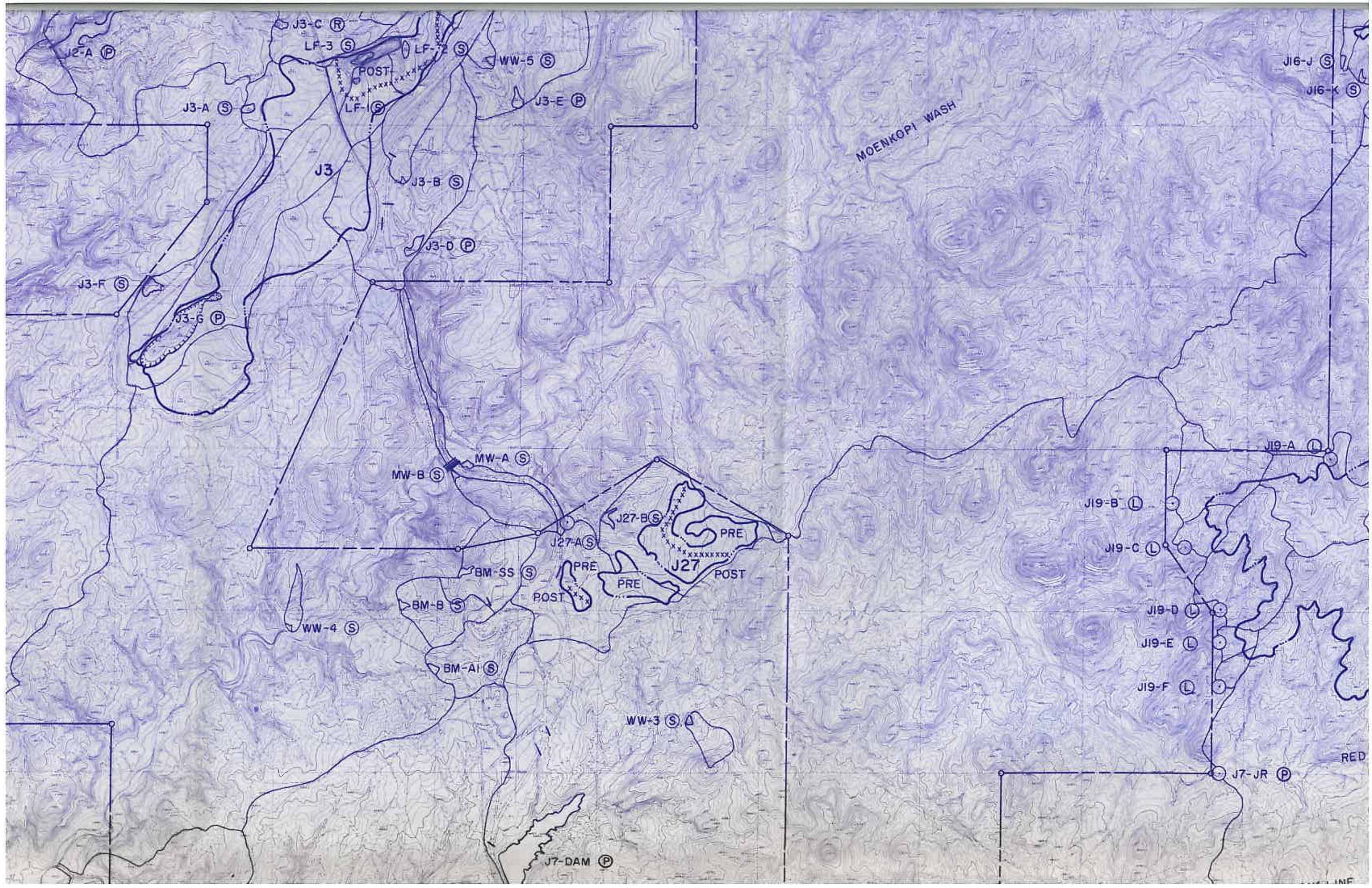
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S 40,000



9

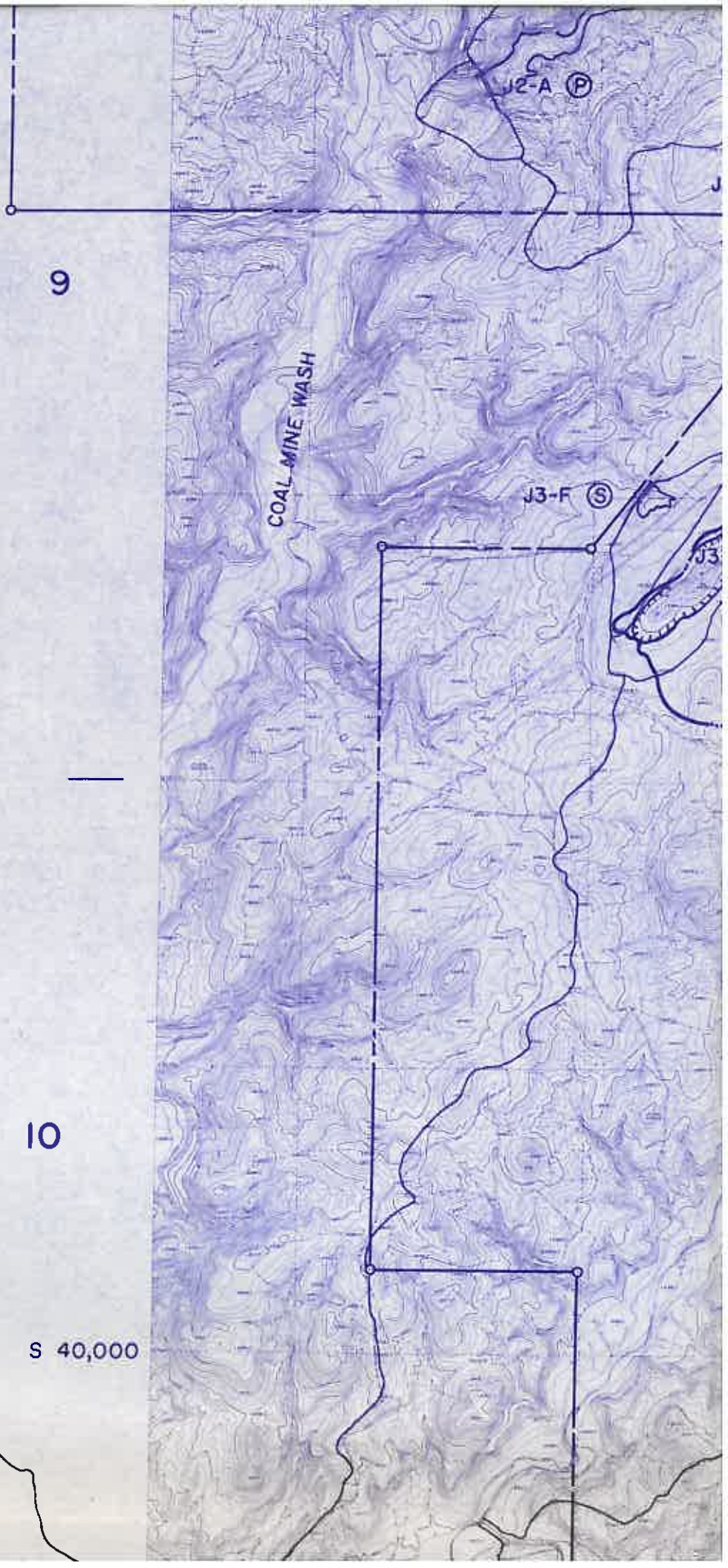
10

S 40,000

COAL MINE WASH

J2-A (P)

J3-F (S)



9

10

S

LEGEND

----- LEASE BOUNDARY

----- NAVAJO-HOPI PARTITION

LEASE BOUNDARY

NAVAJO-HOPI PARTITION

COAL RECOVERY LINE

xxxxxxx PRE-LAW/POST LAW LINE (12-16-77)

WATERSHED BOUNDARY

EXISTING IMPOUNDMENT



PROPOSED IMPOUNDMENT



CULVERTS



TEMPORARY SEDIMENT POND FOR THE FIVE YEAR PERMIT TERM (1990-1995)



TEMPORARY SEDIMENT POND FOR THE REMAINING LIFE-OF-MINE (1995-2022)



MSHA-SIZE DAM



TEMPORARY IMPOUNDMENT



PERMANENT IMPOUNDMENT



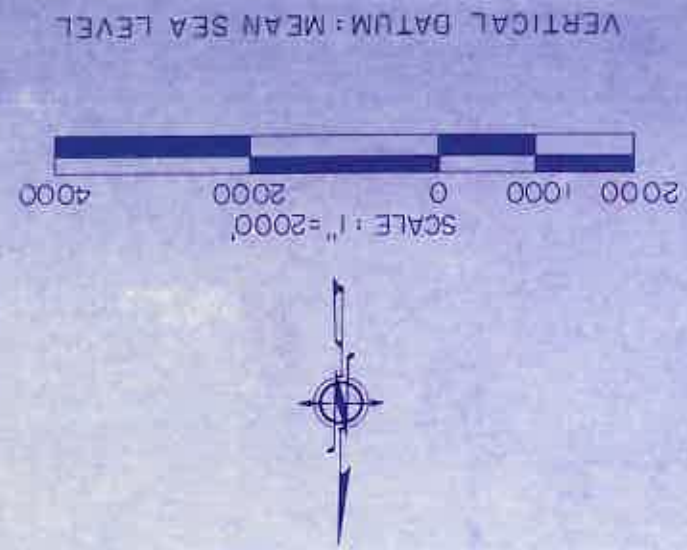
POND TO BE RECLAIMED AFTER PERMIT APPROVAL



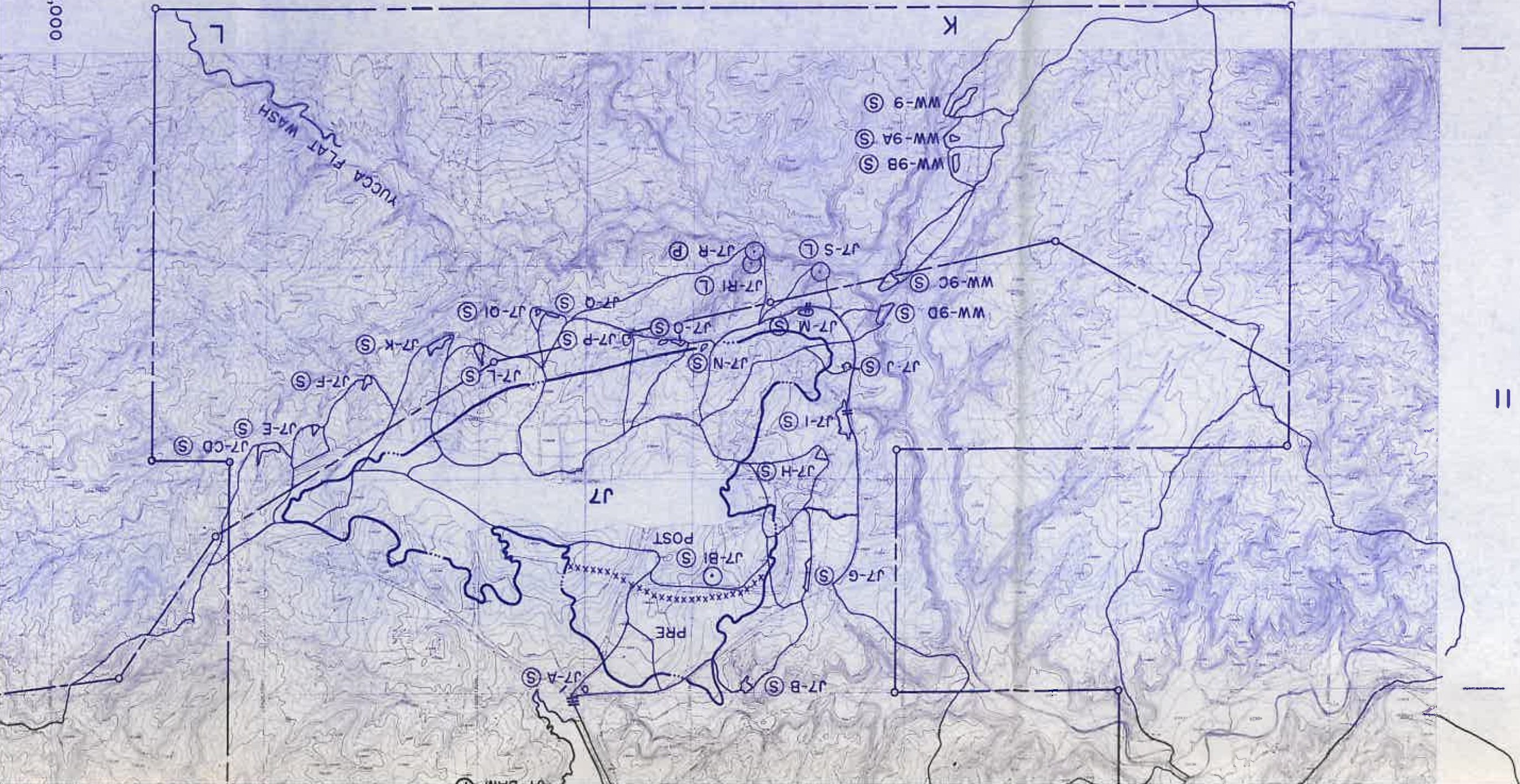
NOTES:

- 1) THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS.
- 2) FIELD SURVEYS PERFORMED TO 3RD ORDER ACCURACIES BY PEABODY COAL CO. ENGINEERING DEPARTMENT.
- 3) TOPOGRAPHIC/PLANIMETRIC BASE MAP COMPILED FROM NEAR VERTICAL NEGATIVE AERIAL PHOTOGRAPHY EXPOSED ON NOVEMBER 19, 1984 BY COOPER AERIAL SURVEY CO.
- 4) STEREOCOMPILATION, FINAL DRAFTING, AND PHOTOGRAPHIC REPRODUCTIONS PERFORMED BY  COOPER AERIAL SURVEY CO.
- 5) 4000' GRIDS BASED ON PEABODY COAL COMPANY COORDINATE SYSTEM.

JUL 23 1993
 Registered Professional Engineer
 JAMES GARY
 18782
 State of Arizona
 One Signed U.S.A.
 SHELLENBERG



REVISION DESIGN	DATE	BY	APP'D
OG JGS	7/6/93	J-18(T) & N-11 POND R	
OG JGS	7/23/93	N-11 POND REVISION	



11

REVISION DESCRIPTION	DATE
J-19(T) & N-11 POND REVISION	1/93
N-11 POND REVISION	3/93

H-6	H-7	J-7	K-7	L-7	M-7	N-7
J-6			K-6	L-6		
K-8	K-9	L-8	L-9	M-8	M-9	N-8
K-10	K-9	L-10	L-9	M-10	M-9	N-10
K-11	K-11	L-11	L-11	M-11	M-11	N-11

SHEET INDEX

E 40,000

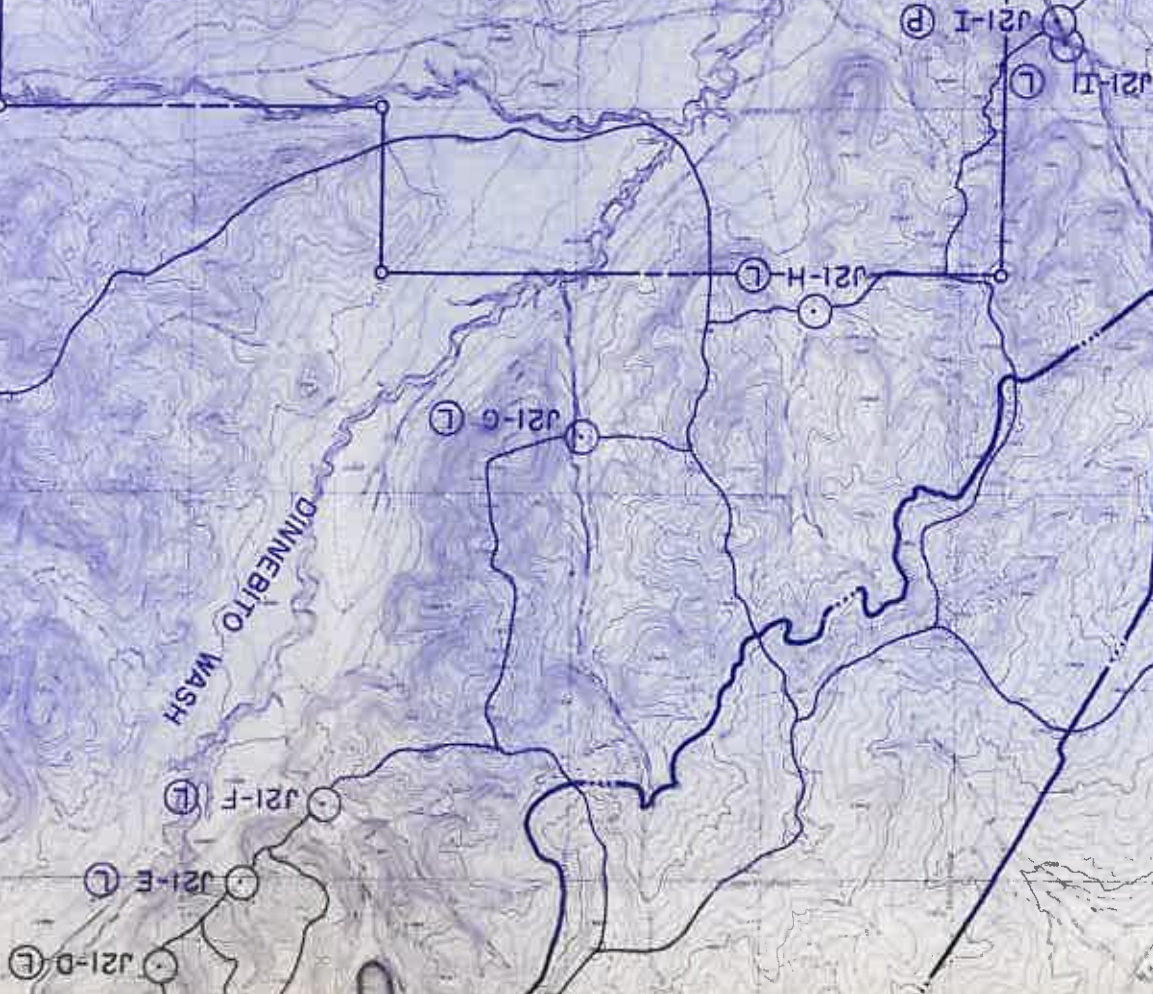
M

E 60,000

N

NAVAJO - HOP I PARTITION LINE

DINNEBITO WASH



PEABODY COAL COMP	P.O. BOX 628	SEDIMENTARY STR
DATE	APP'D BY	DRAWN BY
5-14-86	N6-T1 & N6	J.G.S.
10-2-87	REED VALLEY	J.G.S.
10-27-88	J19-RA & J19	J.G.S.
8-13-90	STIPULATION	J.G.S.
5-1-92	J-19 HAUL	J.G.S.
5-4-92	N-11 TRUCK	J.G.S.
4-13-93	POND STATUS	J.G.S.

		L-11	M-11	N-11
		L-10	M-10	N-10
		L-9	M-9	N-9
		L-8	M-8	N-8
		L-7	M-7	N-7
		L-6		

PEARBODY COAL COMPANY BLACK MESA - KAYENTA MINE P.O. BOX 625 KAYENTA, ARIZONA 86033				
SEDIMENT AND WATER CONTROL STRUCTURES MAP				
DRG. No.	85405	SHEET No.	1	DRAWN BY H.T.
DATE: 11-15-85				
SCALE: 1"=2000'				
REVISION DESCRIPTION C.L. 10' N/A				
BY	APP'D	DATE		
A.B.	J.G.S.	4-13-93	POND STATUS UPDATE	
A.B.	J.G.S.	6-4-92	N-II TRUCK DUMP/FACILITIES	
O.Y.	J.G.S.	5-1-92	J-19 HAUL ROAD & REED VALLEY C.C.	
J.H.	J.G.S.	8-13-90	STIPULATION # 13	
K.W.	J.G.S.	10-27-88	J19-RA & J19-NB	
J.H.	J.G.S.	10-2-87	REED VALLEY C.C. REV.	
		5-14-86	NB-11 & NB-12	

