

J-3

J-4

40A TRACT #1 LEASE BOUNDARY

WATER VEIL NO. 2

BLACK HILLS
PIPELINE COMPANY



J-2

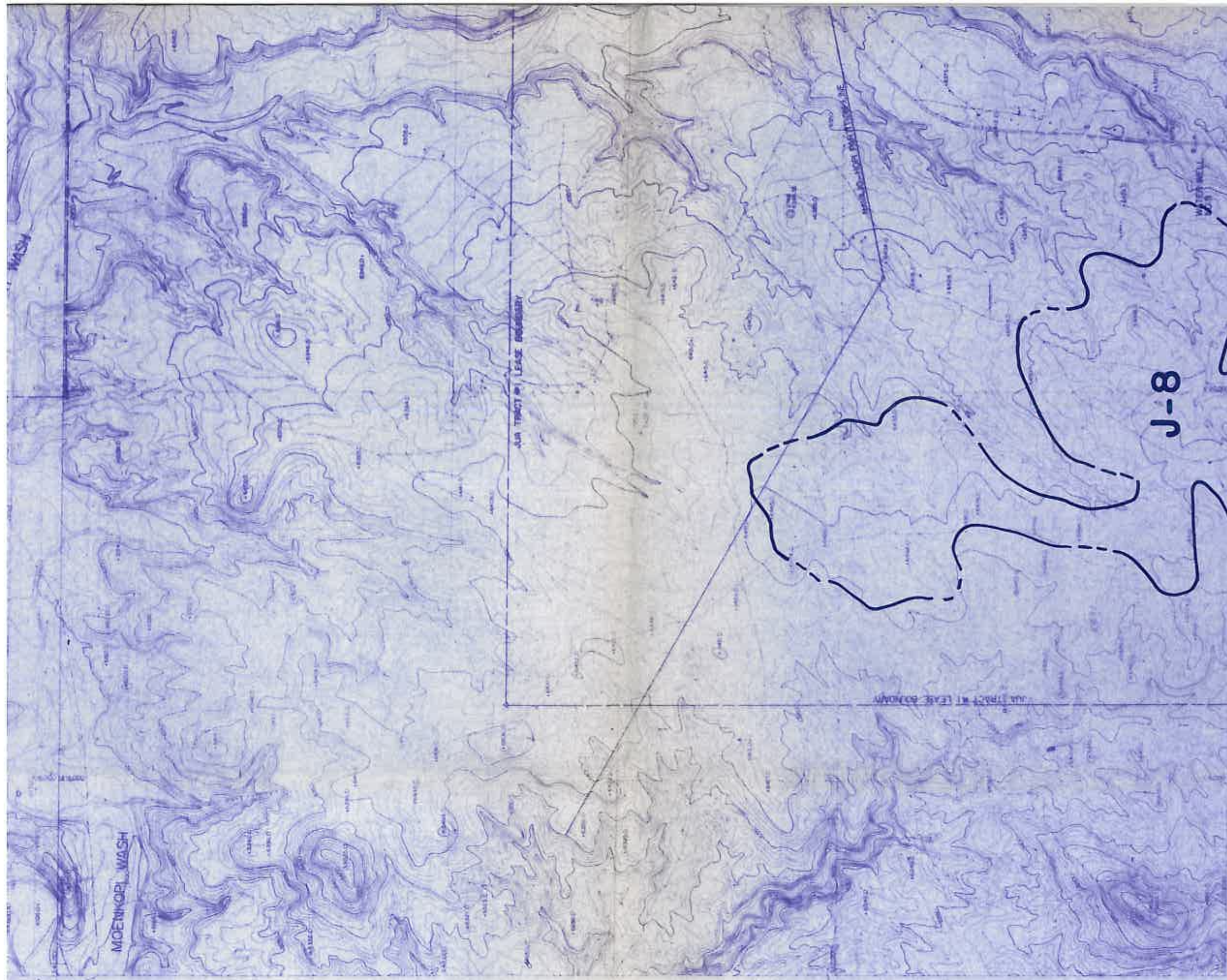
J-3

J-4

WVA TRACT#1 LEASE BOUNDARY

ASS

WVA TRACT#1 LEASE BOUNDARY



FEET INDEX

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

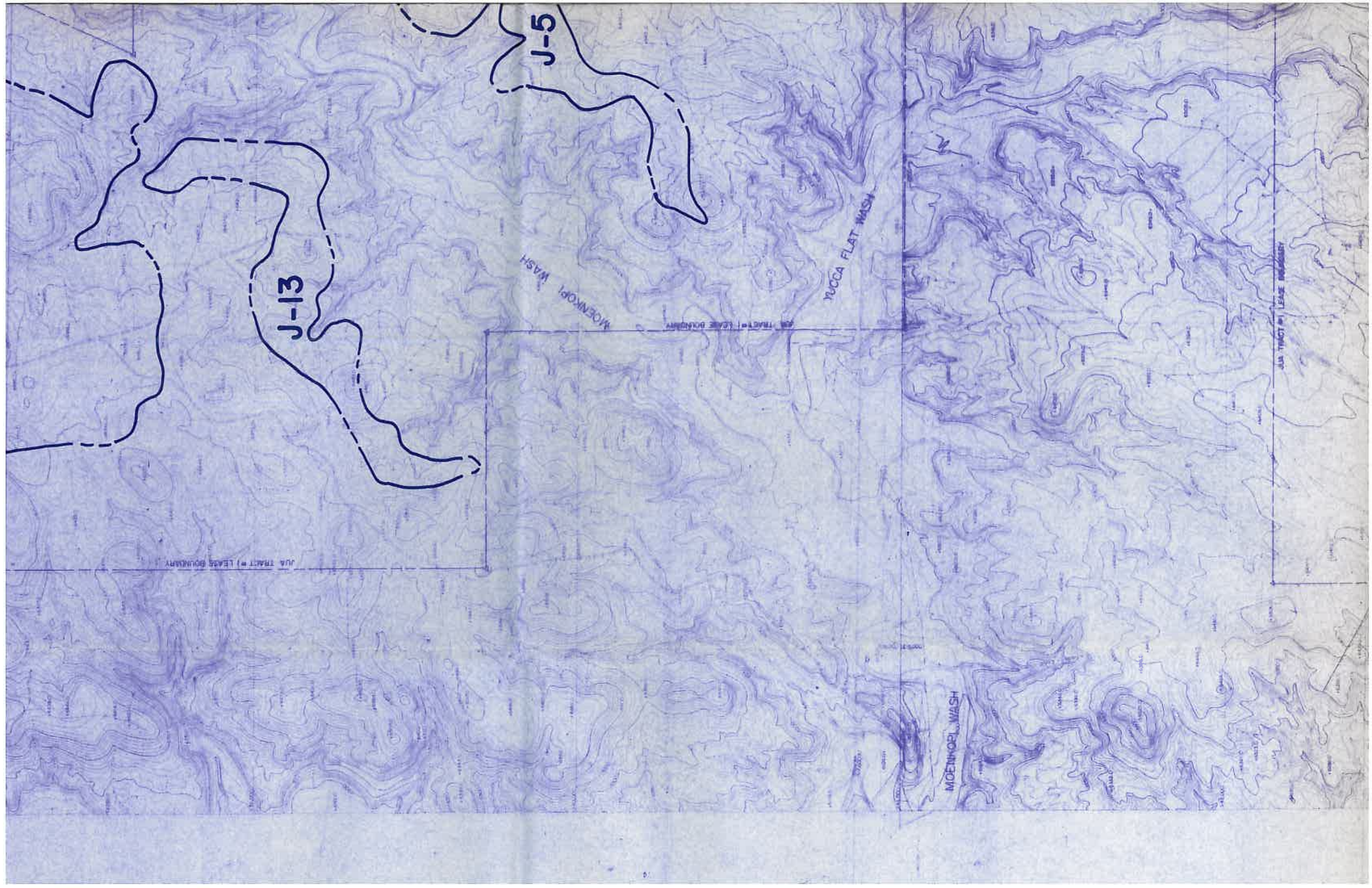
ENGINEER'S CERTIFICATION

ARIZONA P.E. 18782

DATE: JAN 10 1989



James Eschmeyer
 JAMES ESCHMEYER
 LICENSE NO. 18782
 STATE OF ARIZONA
 PROFESSIONAL ENGINEER
 Peabody Coakley Company
 PHOENIX, U.S.A.



J-13

J-5

MOENNAPI WASH

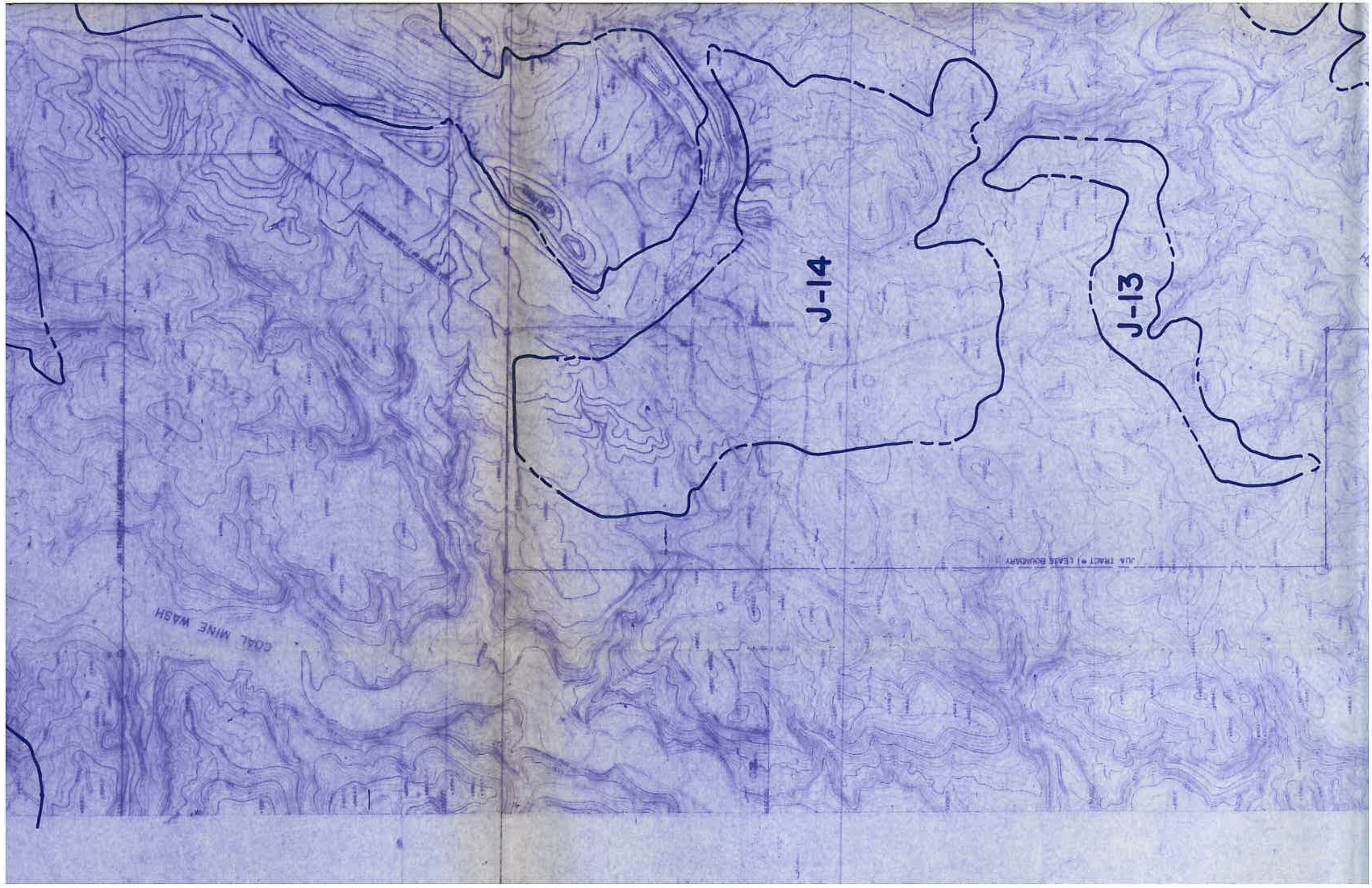
YUCCA FLAT WASH

MOENNAPI WASH

JUA TRACT #1 LEASE BOUNDARY

JUA TRACT #1 LEASE BOUNDARY

JUA TRACT #1 LEASE BOUNDARY

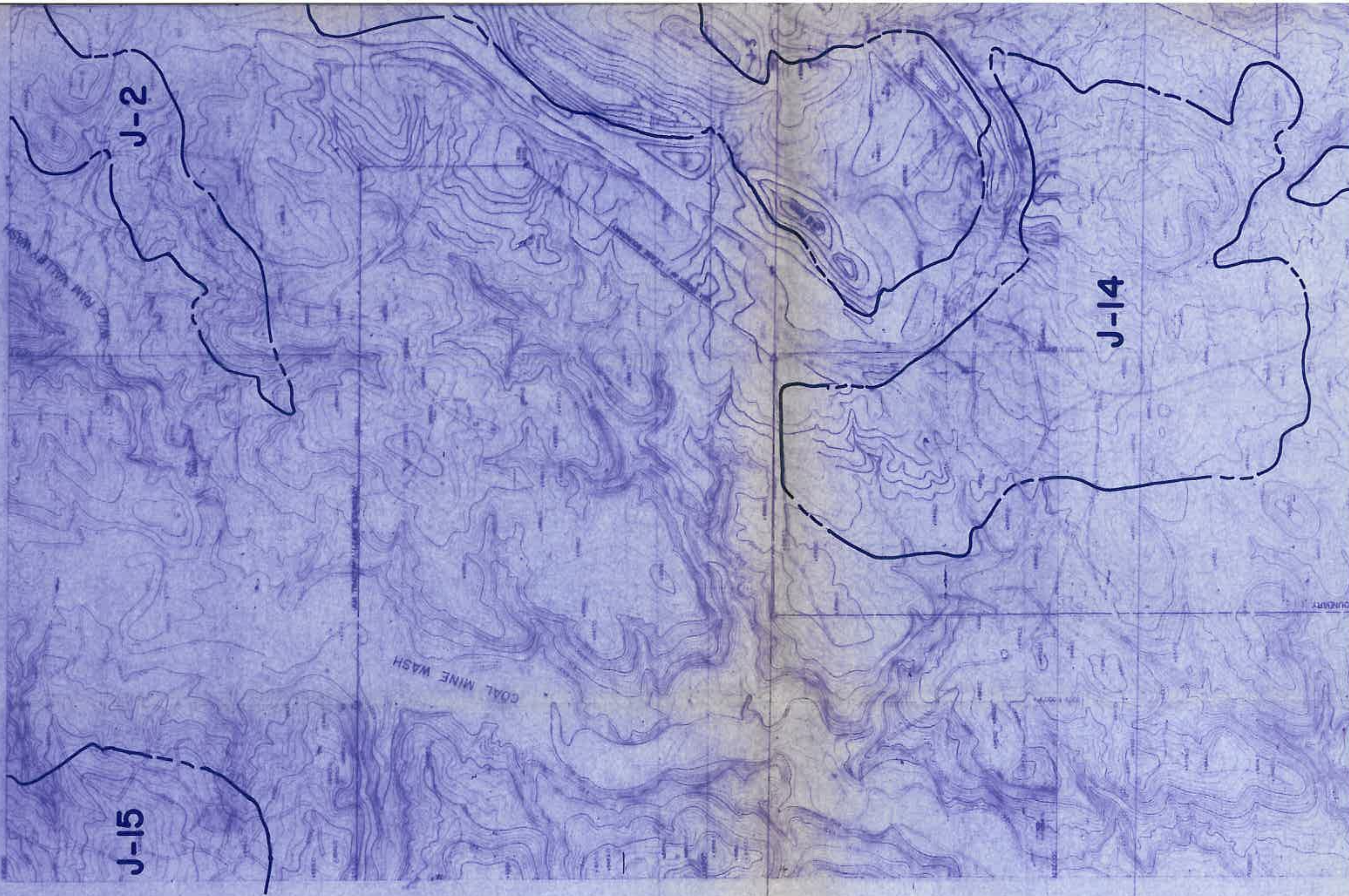


J-14

J-13

COAL MINE WASH

JVA TRACT #1 LEASE BOUNDARY



J-15

J-2

J-14

GOAL MINE WASH



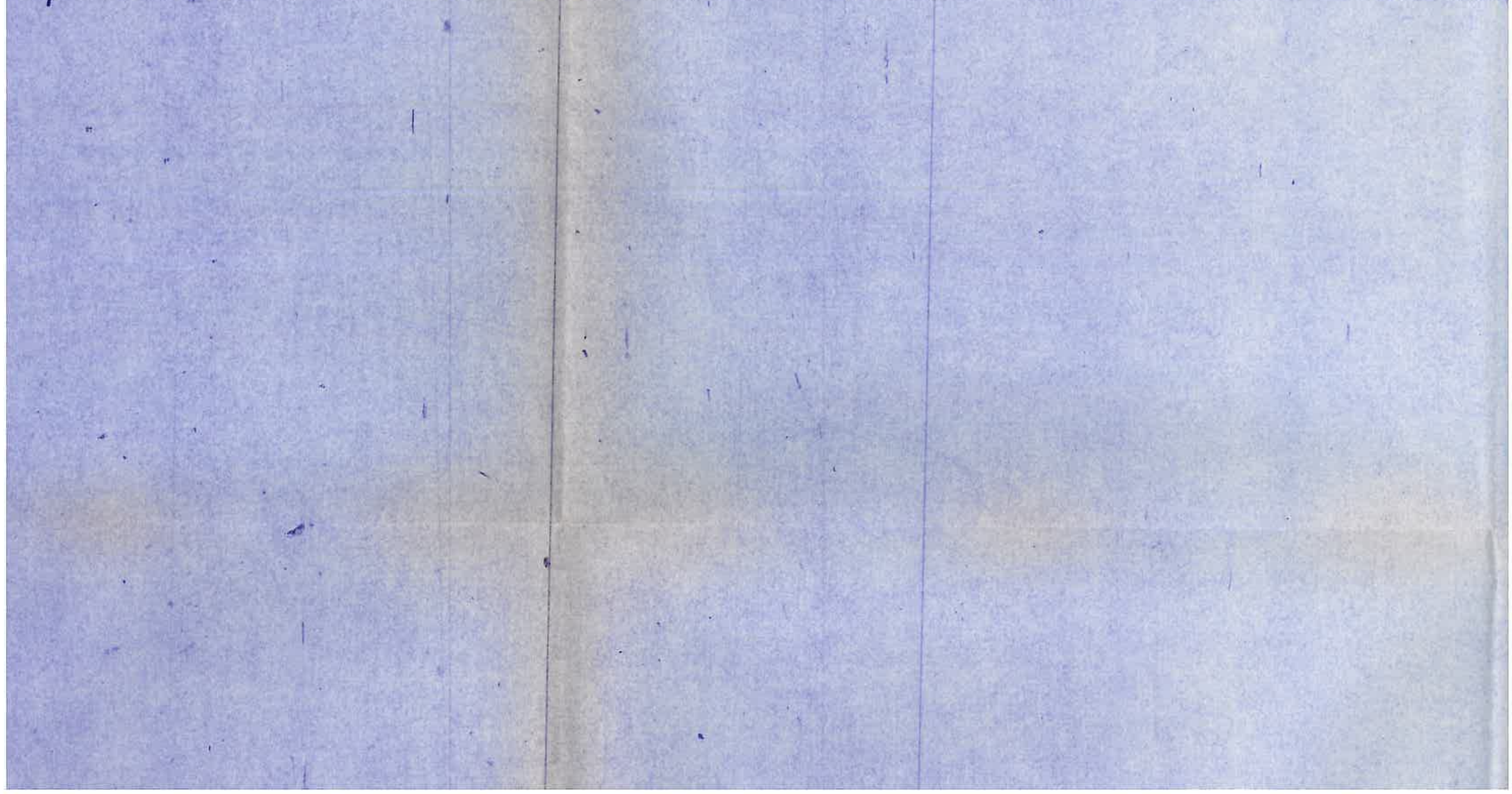
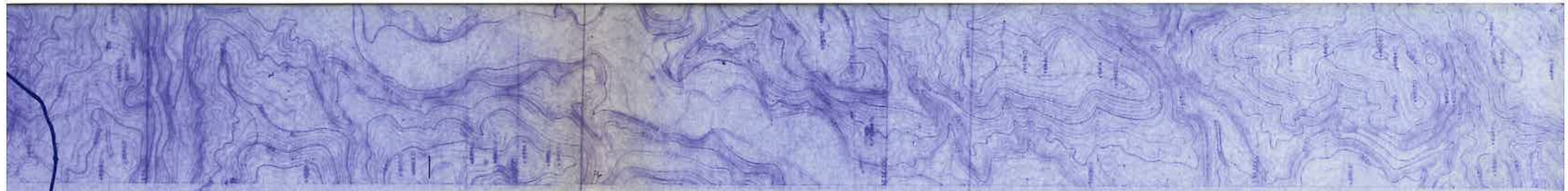
CONTOURS AT C.I.=10'
CONTOURS AT C.I.=20'



VERTICAL DATUM: MEAN SEA LEVEL

H-6	J-6	K-6	L-6
H-7	J-7	K-7	L-7
SHEET INDEX		K-8	L-8
		X	X
		X	X
		K-9	L-9
		X	X
		X	X
		K-10	L-10
		X	X
		X	X
		K-11	L-11
		X	X
		X	X





J-15



LEGEND

- PEABODY LEASEHOLD BOUNDARY
- COAL RESOURCE AREA
- POSTMINING SURFACE CONTOURING EXTENT
(SEE CHAPTER 21)
- MINING HIGHWALL AS OF 1-1-86
- RECLAMATION WATERSHED BOUNDARY; I.D. No.=
(RESERVE AREA-XXW)(SEE DRAWING No. 85352)
- 5 YEAR (1993) COAL RECOVERY LINE
- DRAINAGE CHANNEL (RECLAIMED)
- PROPOSED PERMANENT POND OR DAM; I.D. No.=
AREA-XX POND/DAM
- CROSS SECTION LOCATION; I.D. No.=RESERVE AREA
— XX(SEE DRAWING No.85205)

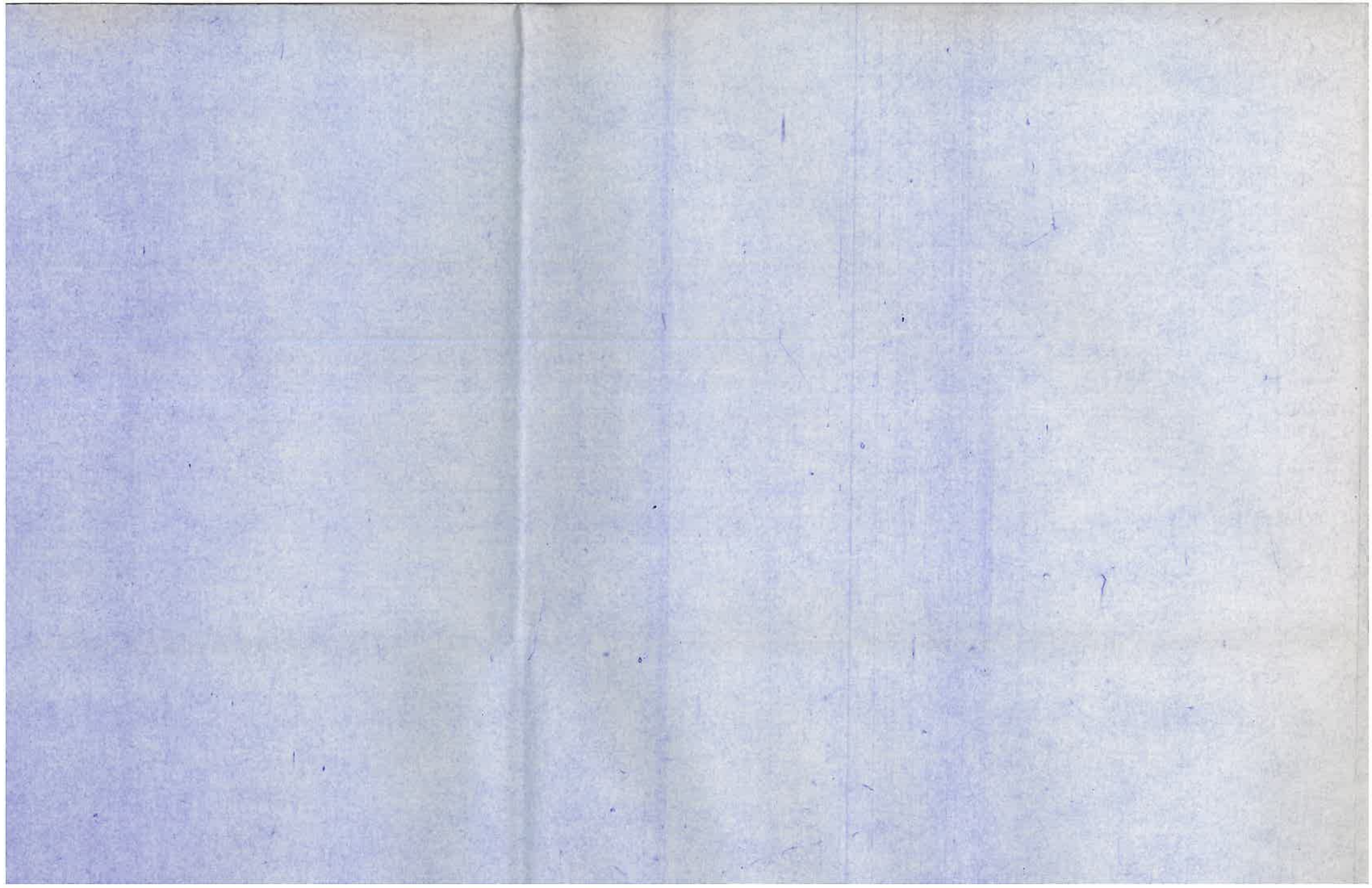
NOTE:--5 YEAR POSTMINING CONTOURS AT C.I.=10'
--L.O.M. POSTMINING CONTOURS AT C.I.=20'

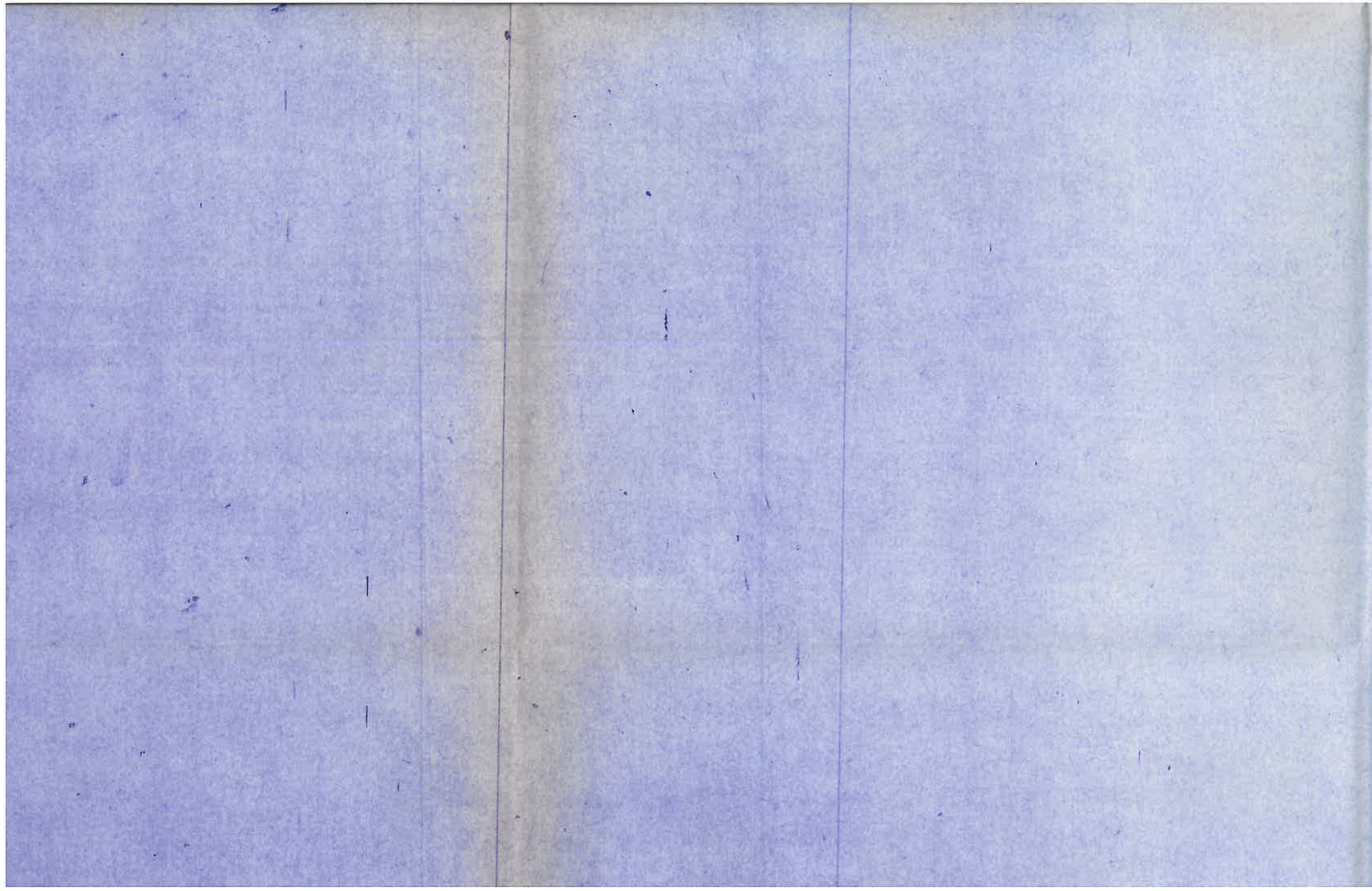
ED. OUTSLOPES TRANSITIONING INTO NATURAL GROUND SHALL BE
(4) OR FLATTER (CHAPTER 21)

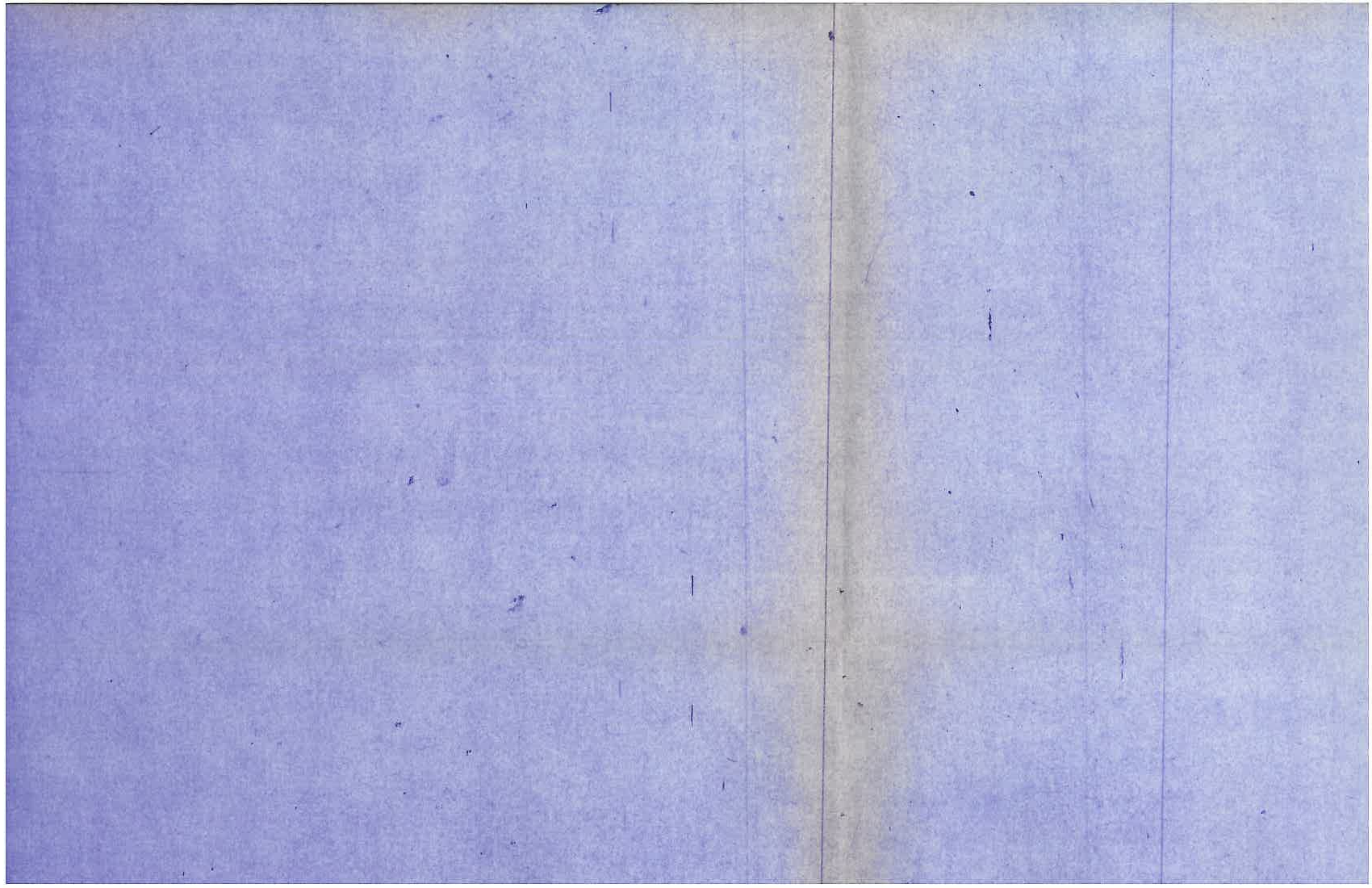


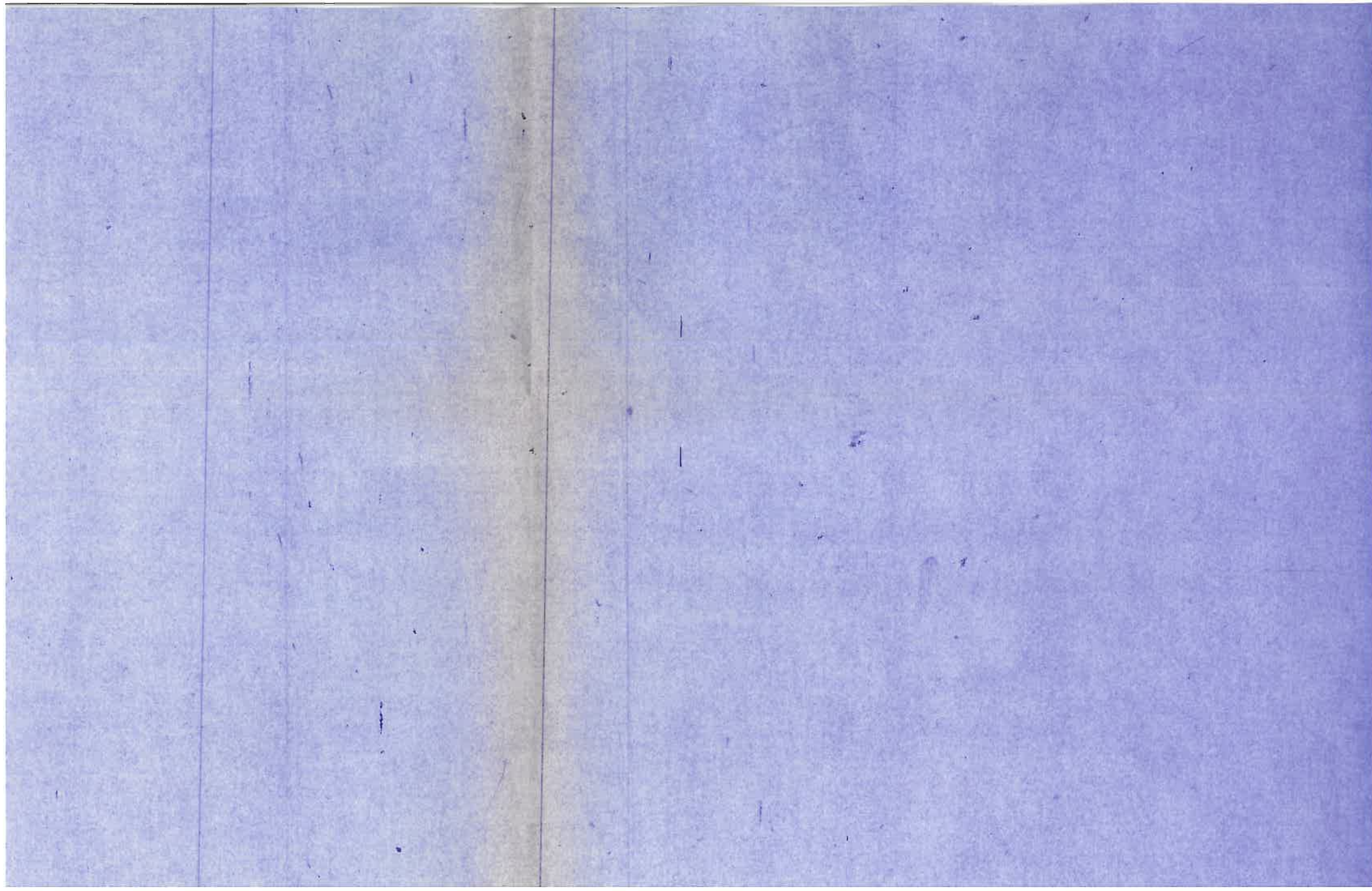
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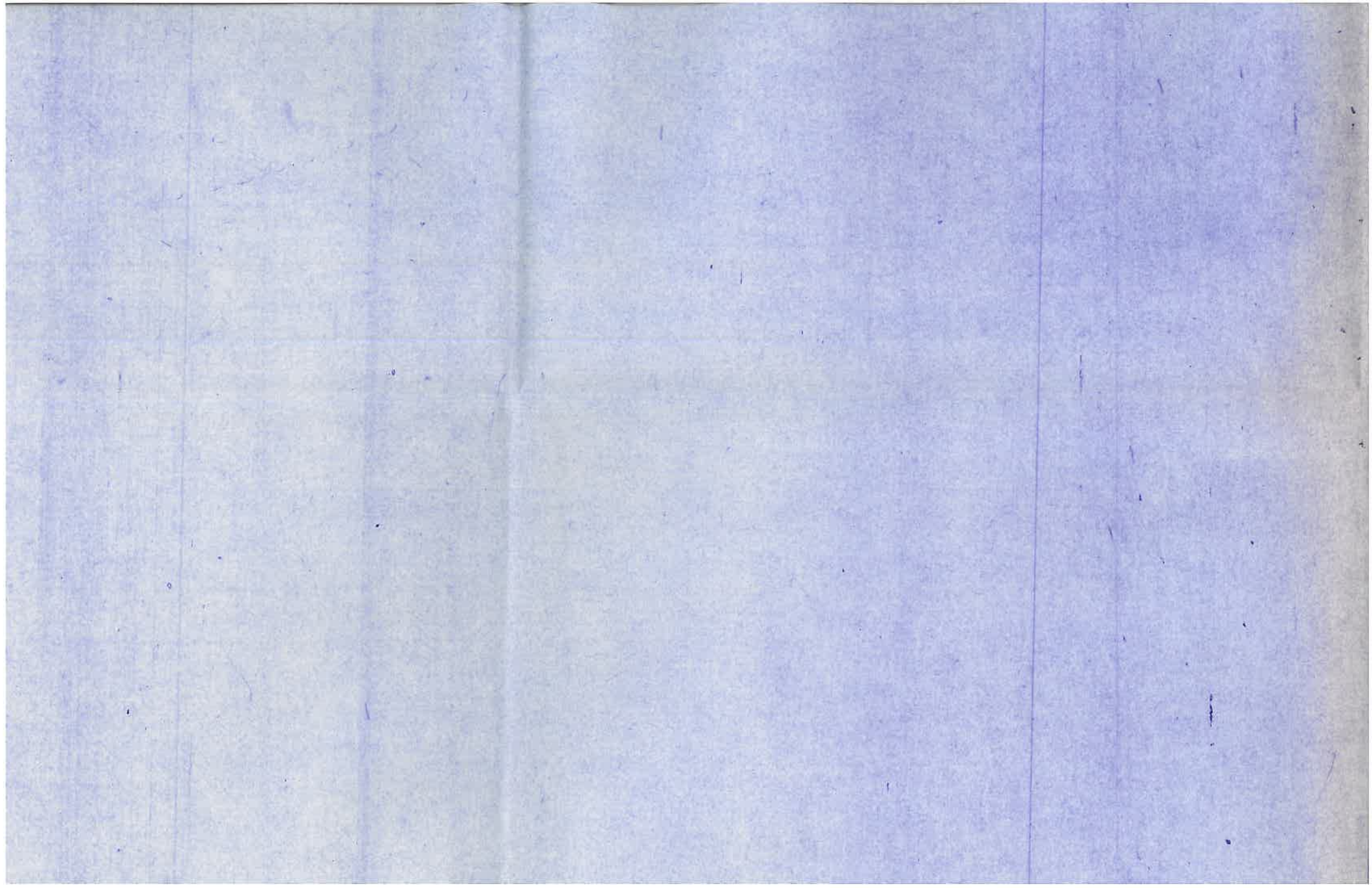
VERTICAL DATUM: MEAN SEA LEVEL



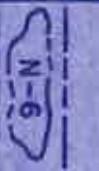








LEGEND



PEABODY LEASEHOLD BOUNDARY



COAL RESOURCE AREA



POSTMINING SURFACE CONTOURING EXTENT
(SEE CHAPTER 21)



MINING HIGHWALL AS OF 1-1-86



RECLAMATION WATERSHED BOUNDARY; I.D. No. =



(RESERVE AREA-XXV)(SEE DRAWING No. 85352)



5 YEAR (1993) COAL RECOVERY LINE



DRAINAGE CHANNEL (RECLAIMED)



PROPOSED PERMANENT POND OR DAM; I.D. No. =



AREA-XX POND/DAM



CROSS SECTION LOCATION; I.D. No. = RESERVE AREA



- XX (SEE DRAWING No. 85205)

N6-11

- XX (SEE DRAWING No. 85205)

LEGEND

-  PEABODY LEASEHOLD BOUNDARY
-  COAL RESOURCE AREA
-  POSTMINING SURFACE CONTOURING EXTENT
(SEE CHAPTER 21)
-  MINING HIGHWALL AS OF 1-1-86
-  RECLAMATION WATERSHED BOUNDARY; I.D. No. =
(RESERVE AREA-XXW) (SEE DRAWING No. 85352)
-  5 YEAR (1993) COAL RECOVERY LINE
-  DRAINAGE CHANNEL (RECLAIMED)
-  PROPOSED PERMANENT POND OR DAM; I.D. No. =
-  AREA-XX POND/DAM
-  CROSS SECTION LOCATION; I.D. No. = RESERVE AREA
-XX(SEE DRAWING No. 85205)

NOTE: - 5 YEAR POSTMINING CONTOURS AT
- L.O.M. POSTMINING CONTOURS AT

NOTES:

- 1) RECLAIMED OUTSLOPES TRANSITIONING INTO NATURAL GROUND SHALL BE SLOPED 4:1 OR FLATTER (CHAPTER 21)



VERTICAL DATUM