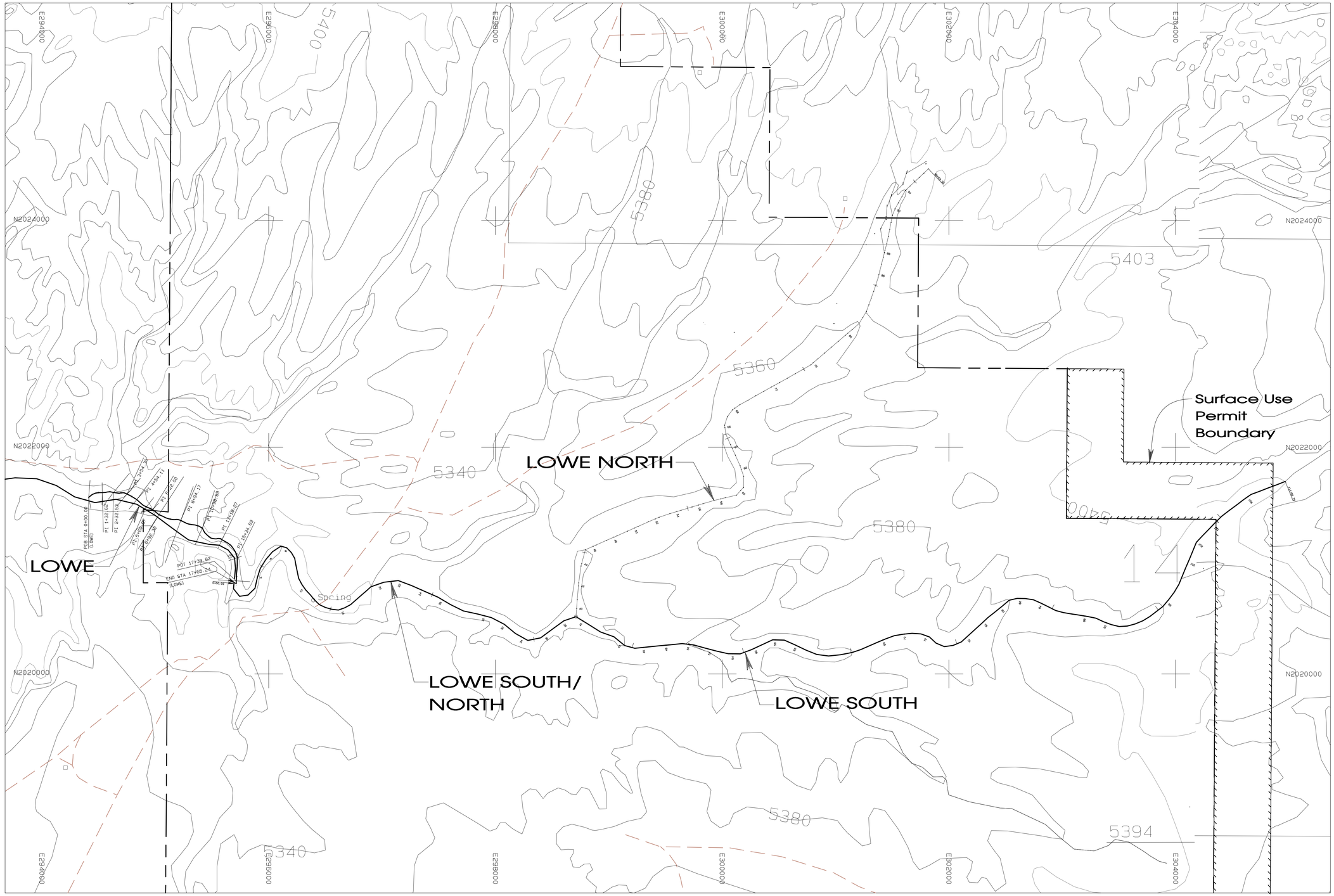
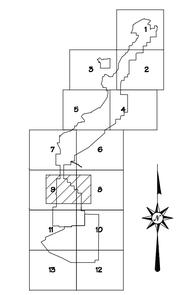


LEGEND

- ROAD
- WATERSHED
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- ×5339.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- 5299 INTERMEDIATE CONTOUR
- 218 5422.45
- L-30 LEASE CORNER
- LEASE/PERMIT BOUNDARY



NOTES

1. THE HEC-RAS RESULTS ARE PRESENTED IN APPRENDIX 11-X2.

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

REV. No.	DATE	DRAFT. BY	REVISION DESCRIPTION	ENG.	E.G.	P.E.
						APPROVALS
09-A	7-12-09	PJF	ADDED 1BR EASTSIDE OF LOWE PIT AND SUBMITTED TO OSM FOR REVIEW.	Shown Delin.	YR	KAB
A	5-10-01	PJF	SUBMITTED TO OSM FOR REVIEW AND APPROVAL	LR	MC	LR

CERTIFICATION STATEMENT

I, Kevin A. Bahe, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.

KEVIN A. BAHE
NEW MEXICO
17850
LICENSED PROFESSIONAL ENGINEER

EXHIBIT 11-78A

BHP NAVAJO COAL COMPANY

NAVAJO MINE
SAFETY PRIDE

P.O. BOX 155 FRUITLAND, NEW MEXICO 87416

AREA-III LOWE ARROYO
PRE-MINING ALIGNMENT
HEC-RAS X-SECTION LOCATIONS
(SHEET 2 OF 3)

PREPARED BY PJF	DRAWN BY PJF	SCALE 1"= 400'
APPROVED BY LR	DATE 4-27-2001	

Path: G:\Gis\OSM_SUBM\PER_PROG\CH_11_PAP EXHIBITS\11-078-A3 RECLAIMED CHAN\EXH 11-78A_B_C.pro

PJFoster \Plot time: Sun Jul 12 10:17:47 2009