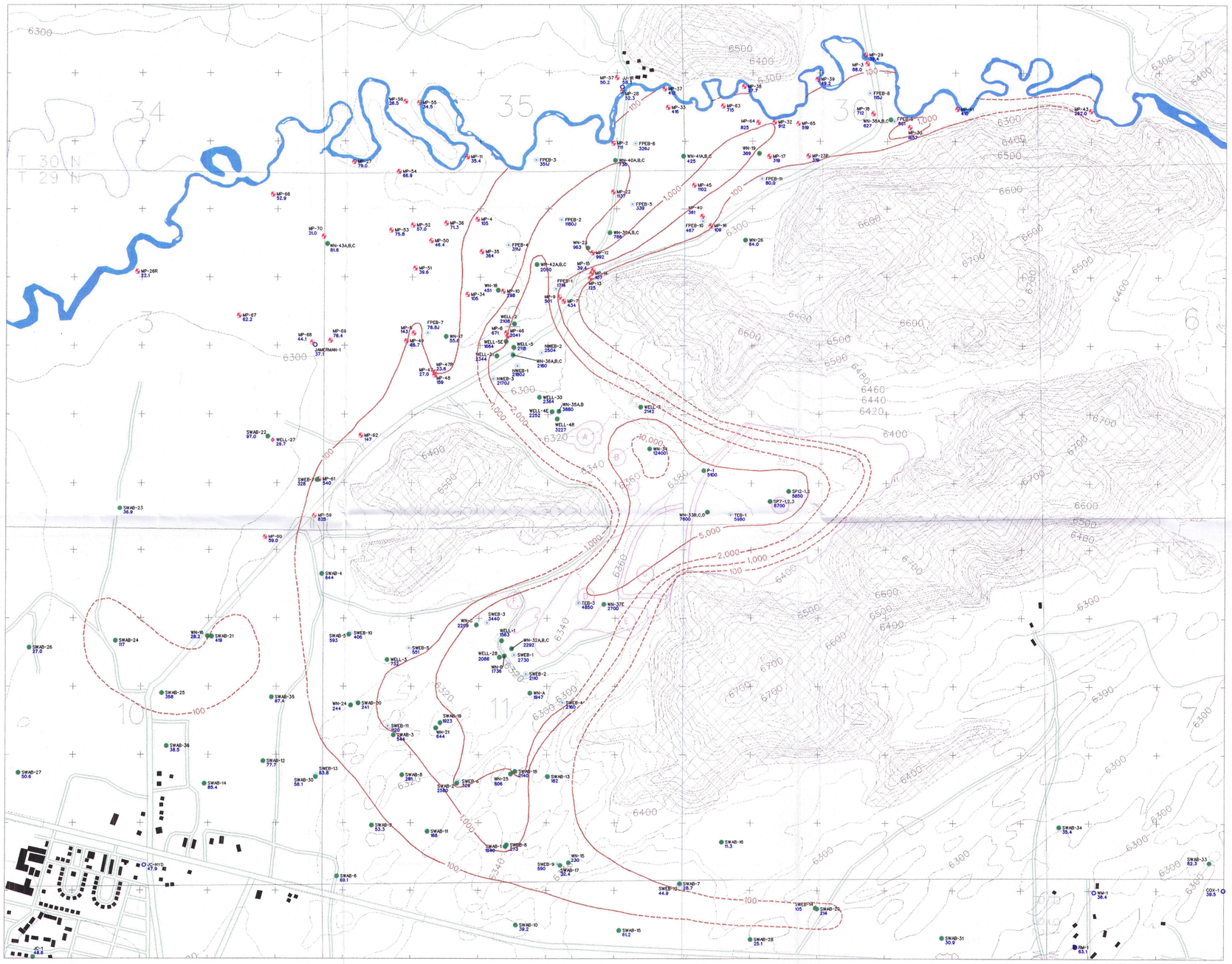

FORMER SITE FEATURES

- (A) NORTHWEST VALLEY SEEPAGE POND
- (B) ORE PAD
- (C) SPLIT ROCK MILL COMPLEX
- (D) ALTERNATE TAILING IMPOUNDMENT
- (E) WASTE TRENCH AREA
- (F) SEWAGE LAGOON
- (G) OLD TAILING IMPOUNDMENT
- (H) MAIN TAILING IMPOUNDMENT
- 1988 FACILITIES DELINEATION (SOURCE: WNI, 1987, REVISION #1 TO SPLIT ROCK SITE RECLAMATION PLAN, FIG A-1)

LEGEND

- MONITORING WELLS
- EXPLORATION BORINGS
- MINI-PIEZOMETERS
- TOWNSITE AND PRIVATE WELLS
- WNI DRINKING WATER WELLS
- SWAB-8 SAMPLE LOCATION ID
  <0.05 CONCENTRATION (mg/L)
- 0.001 J POSTED VALUE IS AN ESTIMATED CONCENTRATION
- <0.001 NOT DETECTED AT THE POSTED QUANTITATION LIMIT
- <0.001 J NOT DETECTED AT THE POSTED ESTIMATED QUANTITATION LIMIT
- GRANITE OUTCROP AREA
- 6300 EXISTING TOPOGRAPHY
- SULFATE GROUND WATER CONCENTRATION CONTOURS

NOTE:
VALUE POSTED AT WELL SYMBOL REPRESENTS THE MAXIMUM DISSOLVED CONCENTRATION DETECTED AT ANY DEPTH (OR IN ANY WELL OF A WELL CLUSTER) DURING SAMPLING CONDUCTED BETWEEN FEBRUARY 1996 AND JUNE 1997. SEE CROSS SECTIONS (IF APPROPRIATE) FOR VERTICAL DISTRIBUTION OF CONSTITUENTS.

BACKGROUND LIMITS:

SPLIT ROCK FORMATION GW: 133 mg/L
FLOODPLAIN ALLUVIUM GW: 79 mg/L

SCALE IN FEET
800 0 1600

DOZX

REVISIONS NO.	DESCRIPTION	BY	CHKD.	APPROVED	DATE

REFERENCES DRAWING NO.	DRAWING TITLE

DESIGNERS ENGINEERING RECORD	BY	DATE

PREPARED BY
SHEPHERD MILLER INCORPORATED

PREPARED FOR
WNI
WESTERN NUCLEAR, INC.

TITLE
FIGURE F-5-45
GROUND WATER SULFATE CONCENTRATIONS, 1996/97, SPLIT ROCK SITE

PROJECT: 03-347		DRAWING	REVISION
TASK NO.: 4			
DGN FILE: FIG_SO4	SCALE: 1" = 800'		
QUERY: SO4_GEOCHEM			