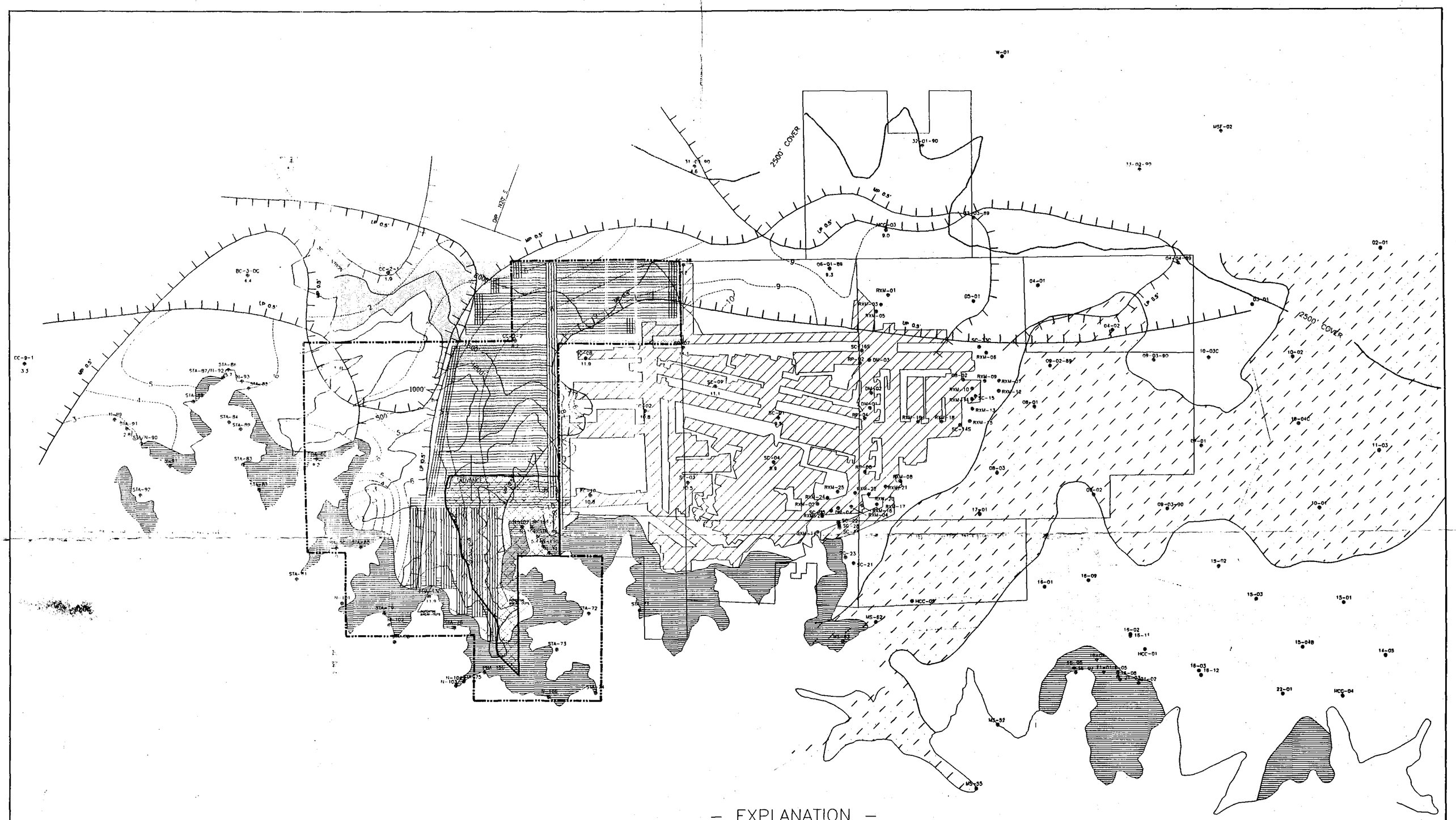

— EXPLANATION —

ALKALI COVER LINE (COVER INCREASES TO THE NORTH)

2500' COVER LINE (COVER INCREASES TO THE NORTH)

ROCK CANYON OVERBURDEN 1500' AND GREATER

WANT AREA (BASED ON SUNEDCO'S SEPTEMBER 1991 REPORT)

INCIDENTAL BOUNDARY CHANGE (276 Ac)

COAL BURN AREA (THE SAME AREA IS ASSUMED BURNED FOR BOTH COAL SEAMS)

ROCK CANYON OVERBURDEN 1200' TO 1500'

SC3 MINE WORKINGS

AC-1 — CONTROL POINT NUMBER
5.7 — CONTROL POINT SYMBOL
THICKNESS

CODING FOR OUTCROP SECTIONS – N = NETHERCOTT, PBA = ANDERSON, STA = MCCOALEX
(MINE SECTION LOCATIONS NOT SHOWN)

COAL SEAM OUTCROP (DUE TO THE THIN INTERVAL BETWEEN COAL SEAMS THE SAME OUTCROP LINE IS USED FOR BOTH)

ALKALI CREEK TRACT BOUNDARY

9 — ISOPACH LINE (THICKNESS IN FEET)

SC3 LEASEHOLD BOUNDARY

UP 0.5' — 0.5' PARTING LINE (HACHURES TOWARD INCREASING THICKNESS)
UP – UPPER PARTING
MP – MIDDLE PARTING
LP – LOWER PARTING

30' ROCK CANYON TO GILSON SEAM INTERBURDEN LINE (HACHURES TOWARD INCREASING THICKNESS)

LICENSED PROFESSIONAL ENGINEER No. 162604 BARRY J. BARNUM 9-13-95 STATE OF UTAH

RECEIVED SEP 14 1995 DIV. OF OIL, GAS & MINING

REVISIONS OR UP-DATES			
NO.	DATE	BY	
1	3/15/95	REP	

DATE 2/7/95
DESIGNED BY: ADD
DRAWN BY: CMK
CHECKED BY: CMK
SCALE: 1" = 2,000'

Coastal States Energy Company
A SUBSIDIARY OF THE COASTAL CORPORATION
The Energy People

EXHIBIT 5.21-5
ROCK CANYON SEAM MINE PLAN

SC 3 MINE

DRAWING OR MAP NUMBER 1

file:\\WORK\CAD\DRAWINGS\VERRYPLN.DWG