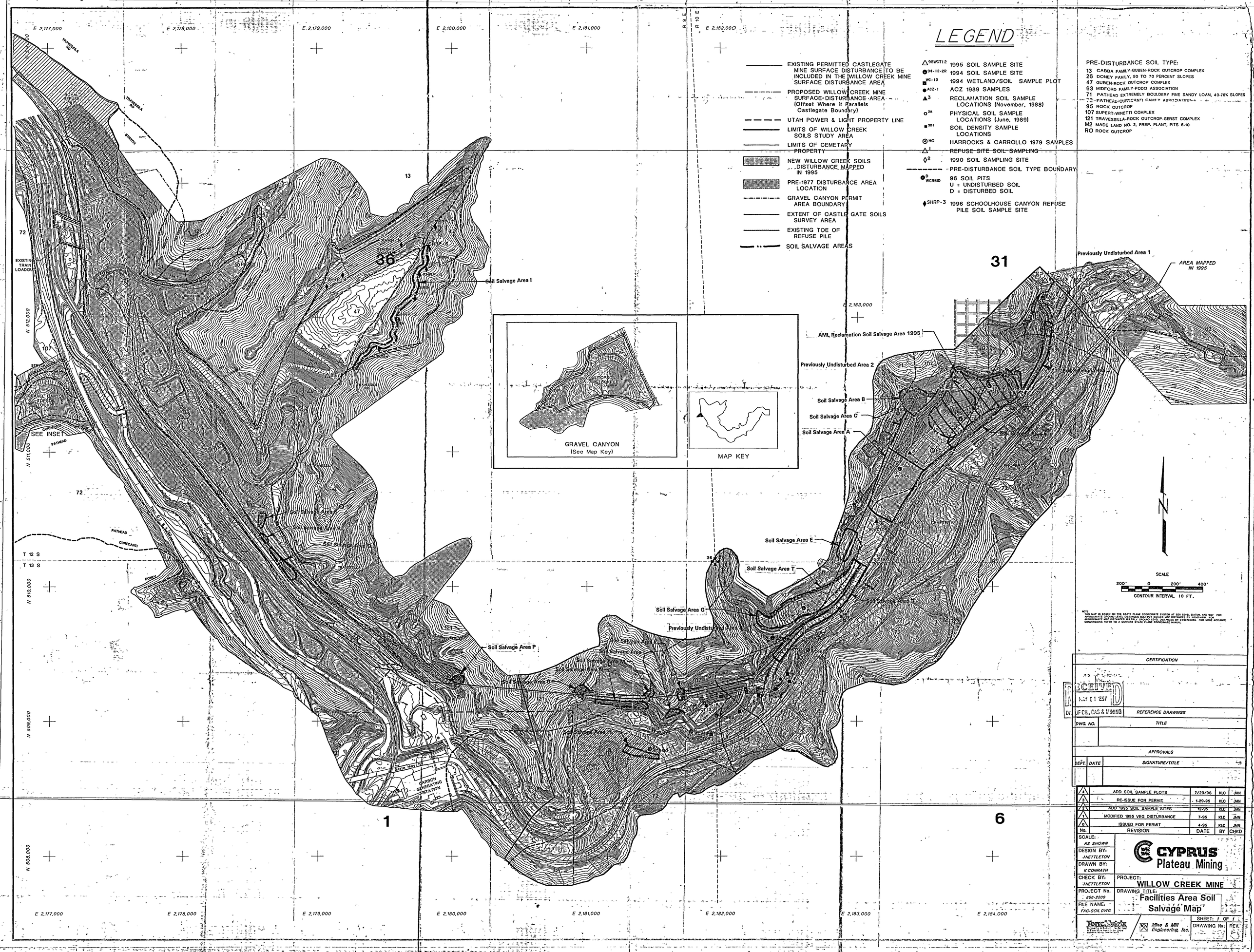
LEGEND
EXISTING PERMITTED CASTLEGATE MINE SURFACE DISTURBANCE TO BE INCLUDED IN THE WILLOW CREEK MINE SURFACE DISTURBANCE AREA
PROPOSED WILLOW CREEK MINE SURFACE DISTURBANCE AREA (Offset Where it Parallels Castlegate Boundary)
UTAH POWER & LIGHT PROPERTY LINE
LIMITS OF WILLOW CREEK SOILS STUDY AREA
LIMITS OF CEMETARY PROPERTY
NEW WILLOW CREEK SOILS DISTURBANCE MAPPED IN 1995
PRE-1977 DISTURBANCE AREA LOCATION
GRAVEL CANYON PERMIT AREA BOUNDARY
EXTENT OF CASTLE GATE SOILS SURVEY AREA
EXISTING TOE OF REFUSE PILE
SOIL SALVAGE AREAS
95WCT12 1995 SOIL SAMPLE SITE
94-12-2R 1994 SOIL SAMPLE SITE
WC-10 1994 WETLAND/SOIL SAMPLE PLOT
ACZ-1 ACZ 1989 SAMPLES
3 RECLAMATION SOIL SAMPLE LOCATIONS (November, 1988)
2A PHYSICAL SOIL SAMPLE LOCATIONS (June, 1989)
SD1 SOIL DENSITY SAMPLE LOCATIONS
HC HARROCKS & CARROLLO 1979 SAMPLES
1 REFUSE SITE SOIL SAMPLING
2 1990 SOIL SAMPLING SITE
PRE-DISTURBANCE SOIL TYPE BOUNDARY
D WC96I0 96 SOIL PITS U = UNDISTURBED SOIL D = DISTURBED SOIL
SHRP-3 1996 SCHOOLHOUSE CANYON REFUSE PILE SOIL SAMPLE SITE
PRE-DISTURBANCE SOIL TYPE:
13 CABBA FAMILY-GUBEN-ROCK OUTCROP COMPLEX
26 DONEY FAMILY, 50 TO 70 PERCENT SLOPES
47 GUBEN-ROCK OUTCROP COMPLEX
63 MIDFORD FAMILY-PODO ASSOCIATION
71 PATHEAD EXTREMELY BOULDERY FINE SANDY LOAM, 40-70% SLOPES
72 PATHEAD-CURECANTI FAMILY ASSOCIATION
95 ROCK OUTCROP
107 SUPERT-WINETTI COMPLEX
121 TRAVESSILLA-ROCK OUTCROP-GERST COMPLEX
M2 MADE LAND NO. 2, PREP. PLANT, PITS 6-10
RO ROCK OUTCROP
GRAVEL CANYON (See Map Key)
MAP KEY
Soil Salvage Area I
Soil Salvage Area P
Soil Salvage Area G
Soil Salvage Area E
Soil Salvage Area T
Soil Salvage Area B
Soil Salvage Area C
Soil Salvage Area A
AML Reclamation Soil Salvage Area 1995
Previously Undisturbed Area 1
Previously Undisturbed Area 2
AREA MAPPED IN 1995
SEE INSET
CARBON GENERATING STATION
SCALE
200' 0 200' 400'
CONTOUR INTERVAL 10 FT.
E 2,177,000
E 2,178,000
E 2,179,000
E 2,180,000
E 2,181,000
E 2,182,000
E 2,183,000
E 2,184,000
N 512,000
N 511,000
N 510,000
N 509,000
N 508,000
T 12 S
T 13 S
R 9 E
R 10 E
36
31
1
6
CERTIFICATION
RECEIVED MAY 01 1997 DIV. OF OIL, GAS & MINING
REFERENCE DRAWINGS
DWG. NO.
TITLE
APPROVALS
DEPT.
DATE
SIGNATURE/TITLE
4 ADD SOIL SAMPLE PLOTS 7/29/96 KLC JMN
3 RE-ISSUE FOR PERMIT 1-29-95 KLC JMN
2 ADD 1995 SOIL SAMPLE SITES 12-95 KLC JMN
1 MODIFIED 1995 VEG DISTURBANCE 7-95 KLC JMN
0 ISSUED FOR PERMIT 4-95 KLC JMN
No. REVISION DATE BY CHKD
SCALE: AS SHOWN
DESIGN BY: JNETTLETON
DRAWN BY: K CONRATH
CHECK BY: JNETTLETON
PROJECT No. 866-2200
FILE NAME: FAC-SOIL.DWG
CYPRUS Plateau Mining
PROJECT: WILLOW CREEK MINE
DRAWING TITLE: Facilities Area Soil Salvage Map
SHEET: 1 OF 1
DRAWING No:
REV.
Mine & Mill Engineering, Inc.