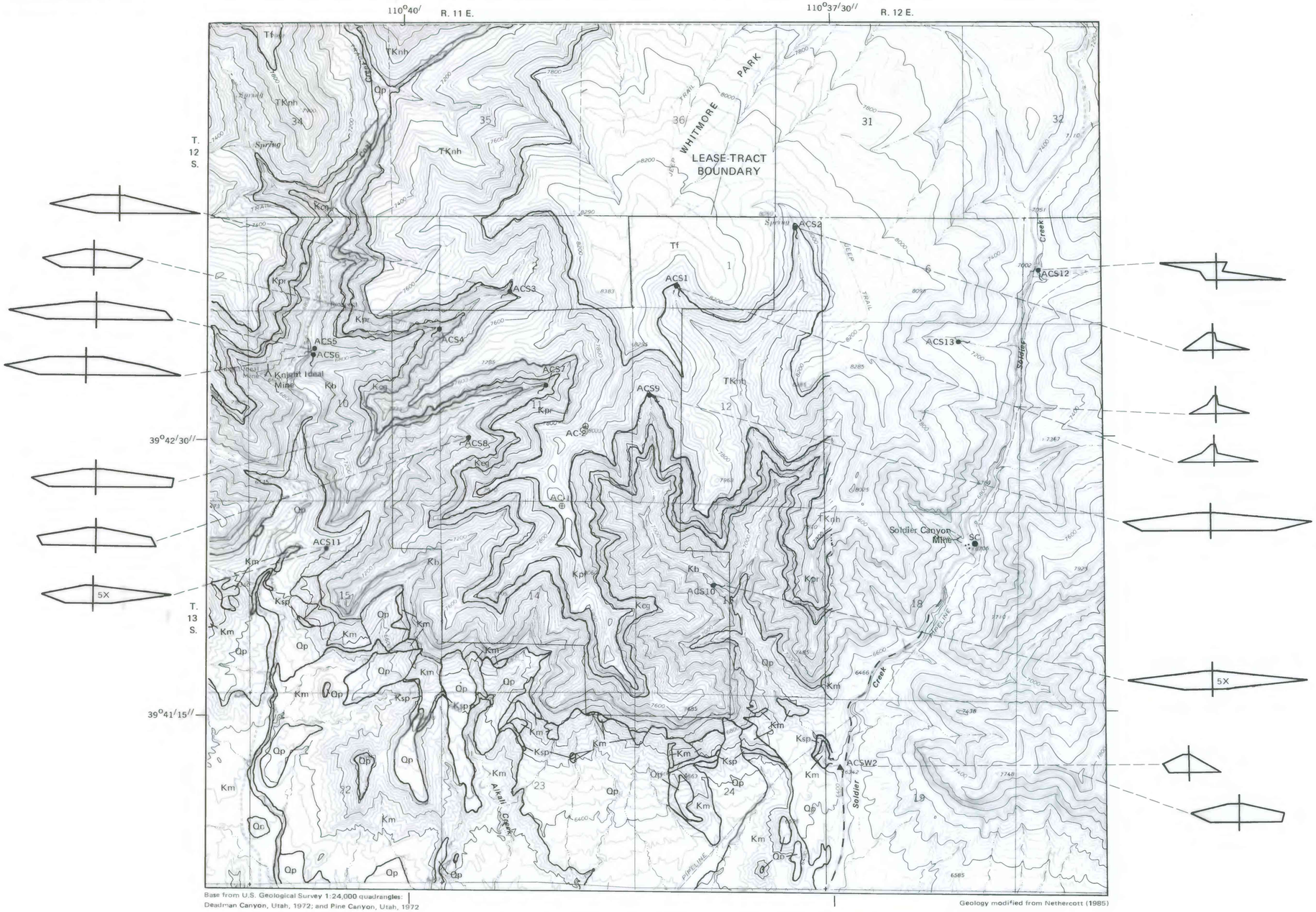
Prepared in cooperation with the
U.S. BUREAU OF LAND MANAGEMENT



Base from U.S. Geological Survey 1:24,000 quadrangles: Deadman Canyon, Utah, 1972; and Pine Canyon, Utah, 1972

Geology modified from Nethercott (1985)

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

EXPLANATION

QUATERNARY	Qp	ALLUVIUM, COLLUVIUM AND PEDIMENT GRAVELS
TERTIARY	Tf	FLAGSTAFF LIMESTONE
	TKnh	NORTH HORN FORMATION
CRETACEOUS	Kpr	PRICE RIVER FORMATION
	Kcg	CASTLEGATE SANDSTONE
	Kb	BLACKHAWK FORMATION
	Ksp	STAR POINT SANDSTONE
	Km	MANCOS SHALE

GEOLOGIC CONTACT

ACS1 SPRING SITE AND IDENTIFIER

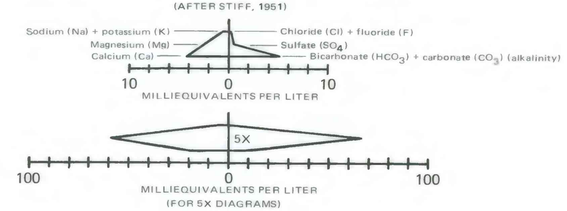
AC-1 COAL-EXPLORATION HOLE AND IDENTIFIER

MINE PORTAL

ACSW2 STREAMFLOW SITE AND IDENTIFIER

SC DISCHARGE FROM MINE

WATER-QUALITY DIAGRAM
(AFTER STIFF, 1951)



MAP SHOWING GEOLOGY, LOCATION OF DATA-COLLECTION SITES, AND WATER-QUALITY DIAGRAMS FOR THE ALKALI CREEK COAL-LEASE TRACT AREA, UTAH