UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALTON QUADRANGLE
UTAH—KANE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT 79-1423
PLATE 11 OF 13

112°30′ 37°30′ — R.6W. R.5W. — 27′30″ — 25′ — 112°22′30″ 37°30′

KRCRA

RB R(50%)
1.92 0.96
0.10 0.05

RB R(50%)
0.52 0.26
0.13 0.06

LIMIT OF DATA

RB R(50%)
0.22 0.11
1.92 0.96

RB R(50%)
0.01 <0.01

RB R(50%)
0.58 0.29

INF
RB R(50%)
2.30 1.15
8.59 4.30

RB R(50%)
2.66 1.33
10.62 5.31
0.38 0.19

RB R(50%)
1.53 0.76
4.44 2.22
0.05 0.03

RB R(50%)
0.85 0.42

RB R(85%)
0.65 0.55

RB R(85%)
0.09 0.07

RB R(85%)
0.24 0.20
2.40 2.04

Coal Lse.
U060745

Coal Lse.
SL064507

Coal Lse.
SL05 8575

Coal Lse.
U083072

Coal Lse.
U098705

Coal Lse.
065012

Coal Lse.
U060746

(ORDERVILLE) 3458 I 1:62 500

(PANGUITCH LAKE) 3459 II 1:62 500

3559 III SW (GEORGE MTN.)

3559 III SE (TROPIC RESERVOIR)

(PODUNK CREEK) 3558 IV NE

(BALD KNOLL) 1958 IV SW

(SKUTUMPAH CREEK) 3558 IV SE

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

GN MN
0°52′ 16 MILS
15½° 276 MILS
UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

UTAH
QUADRANGLE LOCATION

NON-FEDERAL COAL LAND - Land for which the FEDERAL GOVERNMENT does not own the coal rights.

Coal Lease U060745

AREA OF COAL LEASE ON FEDERAL LAND - Showing coal lease number.

S - SMIRL
COAL ZONE SYMBOL AND NAME

TRACE OF COAL ZONE OUTCROP - Showing symbol of coal bed or zone name. Arrow points towards coal bearing area. Long dashed where inferred, short dashed where author inferred; dotted where concealed.

TRACE OF FAULT - Symbols designate direction of movement when known. Bar and ball on downthrown side; dashed where inferred, dotted where concealed.

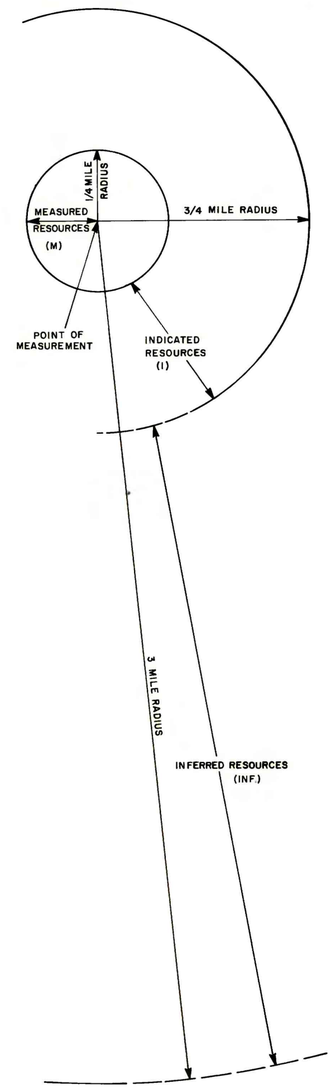
+
POINT OF MEASUREMENT - Point from which boundary lines for measured, indicated and inferred coal resources were drawn.

RB	R(85%)	RB	R(50%)	
___	___	___	___	(Measured)
___	___	___	___	(Indicated)
___	___	___	___	(Inferred)

IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part section of non-leased Federal coal land within the KRCRA. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category.

LIMIT OF DATA

LIMIT OF DATA LINE - Coal resources were not calculated for areas beyond line shown because of insufficient data.



BOUNDARY LINES - Enclosing areas of measured (M), indicated (I), and inferred (Inf) coal resources. Dashed where projected from adjacent quadrangles.

To convert feet to meters, multiply feet by 0.3048.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert miles to kilometers, multiply miles by 1.609.

COAL DEVELOPMENT POTENTIAL MAP OF THE ALTON QUADRANGLE KANE COUNTY, UTAH

BY

MEIIJI RESOURCE CONSULTANTS

1979

PLATE 11

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF THE SMIRL COAL ZONE