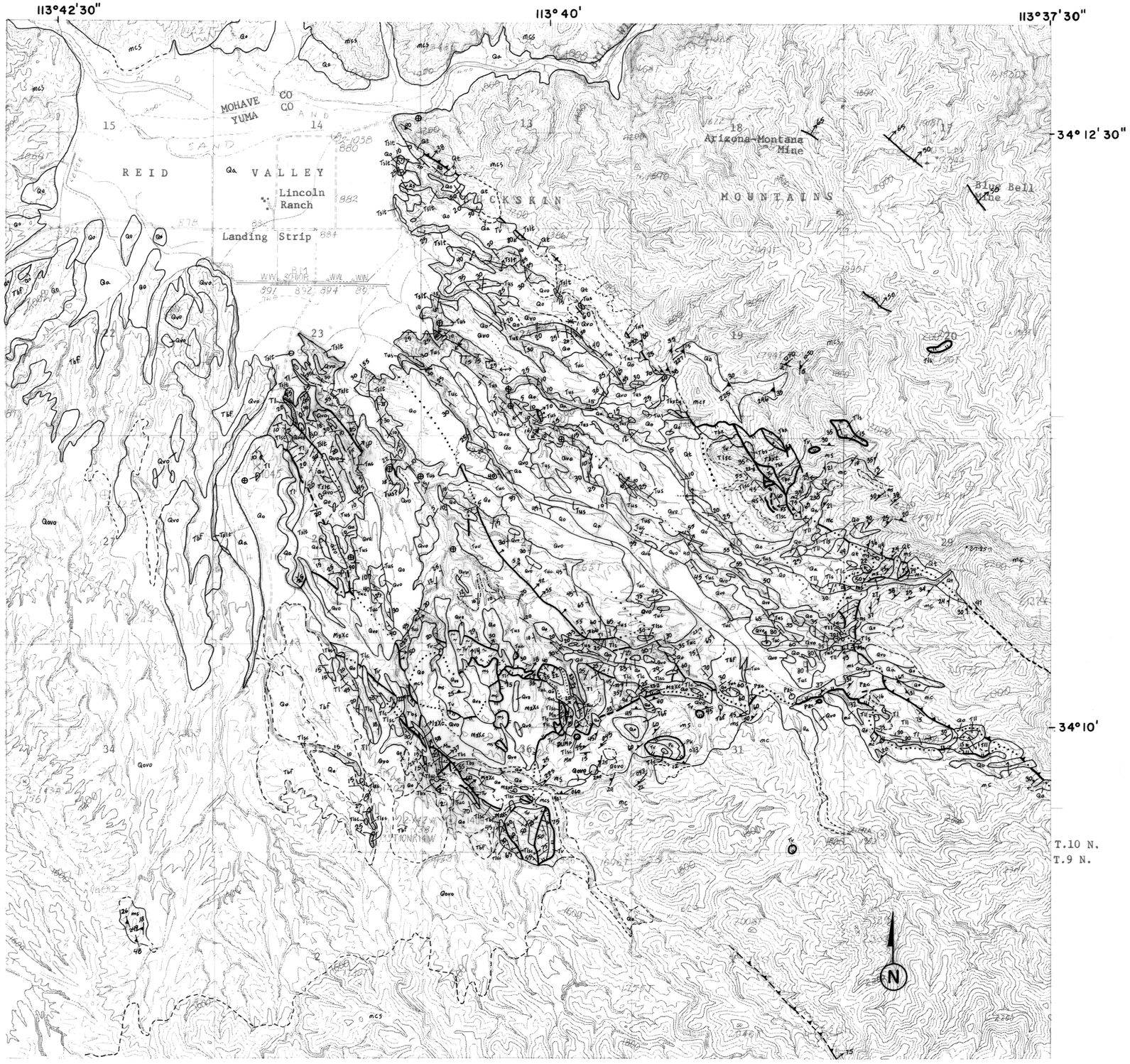

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MILE SCALE 1:24,000

GEOLOGIC MAP OF THE LINCOLN RANCH BASIN, EASTERN BUCKSKIN MOUNTAINS, WESTERN ARIZONA

by

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MAP UNITS

Qa	ALLUVIAL DEPOSITS (QUATERNARY)	
Qt	TALUS DEPOSITS (QUATERNARY)	
Qo	OLD ALLUVIAL DEPOSITS (QUATERNARY)	
Qvo	VERY OLD ALLUVIAL DEPOSITS (QUATERNARY)	
Qovo	OLD AND VERY OLD ALLUVIAL DEPOSITS, UNDIVIDED (QUATERNARY)	
Tbf	BASIN-FILL DEPOSITS (UPPER TERTIARY)	
Tuc	UPPER CONGLOMERATE (TERTIARY)	Upper-plate Rock Units
Tus	UPPER SANDSTONE (TERTIARY)	Upper-plate Rock Units
Tslt	SILTSTONE (TERTIARY)	Upper-plate Rock Units
Tl	LACUSTRINE ROCKS (TERTIARY)	Upper-plate Rock Units
Tll	LACUSTRINE LIMESTONE (TERTIARY)	Upper-plate Rock Units
Tls	LOWER SANDSTONE (TERTIARY)	Upper-plate Rock Units
Tlc	LOWER CONGLOMERATE (TERTIARY)	Upper-plate Rock Units
Tlsc	LOWER SANDSTONE AND CONGLOMERATE, UNDIVIDED (TERTIARY)	Upper-plate Rock Units
Tv	INTERMEDIATE VOLCANICS (TERTIARY)	Upper-plate Rock Units
Tbs	BASAL SEDIMENTARY UNIT (TERTIARY)	Upper-plate Rock Units
Tbx	SEDIMENTARY BRECCIA, GRANITIC PROTOLITH (TERTIARY)	Upper-plate Rock Units
Tbxt	TECTONIC BRECCIA (TERTIARY)	Upper-plate Rock Units
Tbxtg	TECTONIC BRECCIA, GRANITIC PROTOLITH (TERTIARY)	Upper-plate Rock Units
~~Mzv~~	~~METAVOLCANIC ROCKS (MESOZOIC)~~	Upper-plate Rock Units
Pk	KAIBAB LIMESTONE (PERMIAN)	Upper-plate Rock Units
Pc	COCONINO SANDSTONE (PERMIAN)	Upper-plate Rock Units
Pzc	CARBONATE,UNDIVIDED (PALEOZOIC)	Upper-plate Rock Units
MzXc	CRYSTALLINE ROCKS, UNDIVIDED (MESOZOIC OR PROTEROZOIC)	Upper-plate Rock Units
ms	METASEDIMENTARY ROCKS (PROTEROZOIC TO CENOZOIC)	Lower-plate Rock Units
mc	MYLONITIC CRYSTALLINE ROCKS (PROTEROZOIC TO CENOZOIC)	Lower-plate Rock Units
mcs	MYLONITIC CRYSTALLINE AND METASEDIMENTARY ROCKS, UNDIVIDED (PROTEROZOIC TO CENOZOIC)	Lower-plate Rock Units

MAP SYMBOLS

- CONTACT -- Depositional or intrusive, dashed where approximately located.
- 20 STRIKE AND DIP OF BEDDING
- HORIZONTAL BEDDING
- 25 40 STRIKE AND DIP OF MYLONITIC FOLIATION AND TREND OF LINEATION WITHIN PLANE OF FOLIATION
- 20 BUCKSKIN-RAWHIDE DETACHMENT FAULT, SHOWING DIP -- Dashed where inferred, dotted where concealed. Double hatchures on upper plate.
- 15 SUBSIDIARY LOW-ANGLE (LESS THAN 35 DEGREES) NORMAL FAULT, SHOWING DIP -- Dashed where inferred, dotted where concealed. Single hatchures on upper plate.
- 50 HIGH-ANGLE (GREATER THAN 35 DEGREES) FAULT, SHOWING DIP -- Dashed where inferred, dotted where concealed.
- 60 HIGH-ANGLE (GREATER THAN 35 DEGREES) NORMAL FAULT, SHOWING DIP -- Dashed where inferred, dotted where concealed. Bar and ball on hangingwall block.
- 65 REVERSE FAULT, SHOWING DIP -- Dashed where inferred, dotted where concealed. Teeth on hangingwall block.
- ANTICLINE -- Direction of plunge indicated, dotted where trace of axis is concealed.
- SYNCLINE -- Direction of plunge indicated, dotted where trace of axis is concealed.
- ASH BED -- White to light-gray, air-fall ash, very fine grained, forms isolated beds 0.5 to 2 m thick.
- MARKER BED
- Mn MANGANESE-MINERALIZATION OCCURRENCE
- 23-6 SAMPLE OR REFERENCE LOCALITY
- LEADER CONNECTING AREAS OF SAME ROCK UNIT
- BRITTLELY SHEARED ROCK