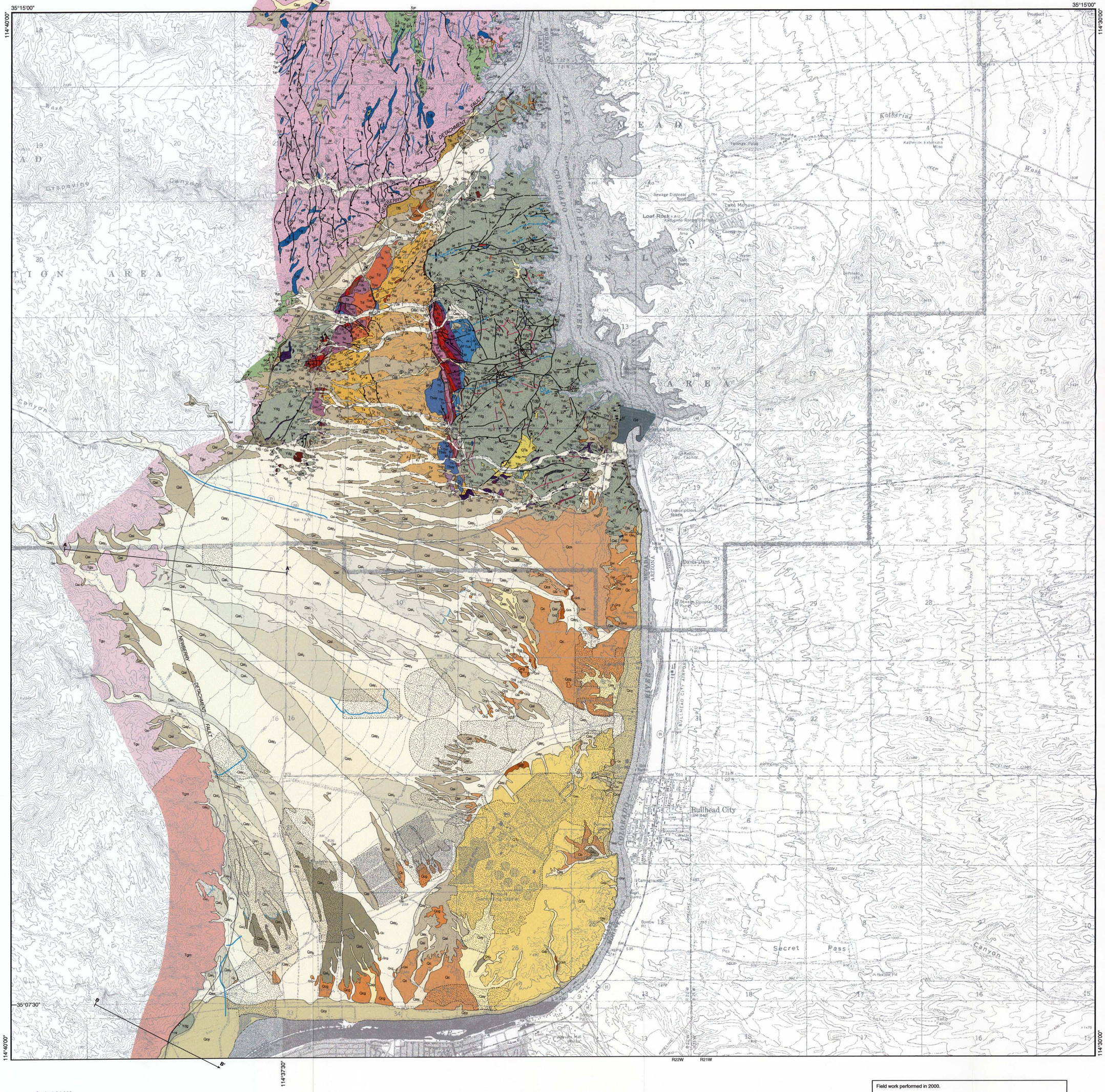

QUATERNARY

- Qd — Davis Dam—facilities and excavations
- Qmt — Mine talus
- Qay — Holocene alluvial deposits
  - Qay_2 — Qay_2
  - Qay_1 — Qay_1
- Qai — Intermediate age alluvial deposits (Pleistocene)
  - Qai_3 — Qai_3
  - Qai_2 — Qai_2
  - Qai_1 — Qai_1
- Qcy — Colorado River alluvium (Holocene)
- Qc — Colorado River alluvium (Pleistocene)
  - Qcs — Sands
  - Qcm — Siltstone and mudstone
  - Qcg — Gravels
  - Qcb — Boulders
- QTa — Older alluvium
- QTbr — Granitic breccia

MIOCENE

- Tfb — Fault breccia along Newberry detachment fault
- Tc — Conglomerate containing clasts of Spirit Mountain pluton
- Tbv — Volcanic megabreccia
- Tbg — Granitic megabreccia
- Tbr — Rhyolite breccia
- Tbd — Dacite megabreccia
- Tbt — Tuff megabreccia
- Tbca — Conglomerate megabreccia
- Ts — Conglomerate and sandstone
- Tbb — Basaltic andesite megabreccia
- Trl — Rhyolite lavas
- Tbay — Basaltic andesite lavas
- Tts — Tuffaceous rocks
- Td — Dacite lavas
- Ta, Tba — Andesite and Basaltic andesite lavas
- Tdb — Dacite breccia
- Ttu — Tuffaceous rocks
- Tp — Peach Springs Tuff
- Tbao — Basaltic andesite lavas
- Tca — Arkosic conglomerate

Intrusions

- Tbi — Basalt and basaltic andesite dikes
- Tbsc — Scoriaceous basalt related to Tbi
- Trd — Rhyolite dikes
- Tbrd — Breccia related to ryholite dikes
- Tai — Andesite dikes
- Tdi — Diorite dikes
- Tcv — Calcite veins
- Tqv — Quartz veins
- Tgi — Granitic dikes
- Tgm — Mirage Pluton
- Tgs — Spirit Mountain pluton
- Tgu — Tgs and lesser Xgn undifferentiated

PROTEROZIC

- Ydb — Diabase dikes
- Ypg — Pegmatite dikes and pods
- Ymy — Mylonitized Davis Dam granite
- Ydgf — Finer-grained felsic phase of Davis Dam granite
- Ydg — Megacrystic Davis Dam granite
- Xgn — Gneiss
- Xbs — Biotite schist

SYMBOLS

Lithologic contact Dashed where inferred or approximately located due to poor exposures, short dashes indicate approximate contact interpreted from aerial photo.

Moderately to steeply dipping normal fault showing dip Ball on downthrown side; arrow shows trend of striae on fault surface; dashed where inferred or approximately located due to poor exposures; dotted where concealed.

Gently dipping normal fault showing dip Hachures on downthrown side; dashed where inferred or approximately located due to poor exposures; dotted where concealed.

Fluvial scarp

Strike and dip of bedding
Inclined — Horizontal

Strike and dip of compaction foliation in ash-flow tuff
Inclined

Strike and dip of flow bands in lava or intrusion
Inclined — Vertical

Strike and dip of metamorphic foliation; arrow shows trend of stretching lineation.
Inclined — Vertical

Strike and dip of joints
Inclined — Vertical

Folds
Inclined minor antiform, showing bearing and plunge of hingeline.

Vein

Vein, emplaced along fault Showing dip.

Flood control structure

Stipple pattern indicates areas of significant disturbance due to agricultural, residential, commercial, or industrial development.

Scale 1:24,000

0 — 0.5 — 1 kilometer

0 — 0.5 — 1 mile

0 — 1000 — 2000 — 3000 — 4000 — 5000 feet

CONTOUR INTERVAL 40 FEET

Base map: U.S. Geological Survey Davis Dam 7.5' Quadrangle, AZ.–NV. 1983, DRG

GEOLOGIC MAP OF THE LAUGHLIN AREA, CLARK COUNTY, NEVADA

James E. Faulds, P. Kyle House, and Alan R. Ramelli

2000

Field work performed in 2000.

DRAFT

Preliminary geologic map. Has not undergone office or field review. May be revised before publication.

Edited by
Cartography by Robert Chaney

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