Plate 2.1. Geologic map of the northern Overton Arm area, Clark County, Nevada.

**PRECAMBRIAN**

- **Alkali felsite (Qoa1)**: Moderately to strongly altered, porphyritic, medium- to coarse-grained felsite.
- **Mafic volcanic rocks (Qoa2)**: Moderately to strongly altered, fine- to medium-grained mafic volcanic rocks.
- **Quartzite (Qoa3)**: Fine- to medium-grained, generally unaltered quartzite.

**TERTIARY SEDIMENTARY ROCKS**

**Muddy Creek Formation (Qp)**

- **Dredge sandstone member (Qp)**: Fine- to medium-grained sandstone with interbedded siltstone and conglomerate.
- **Alluvium of active washes and rivers**: Pale-orange to tan sand and sandy gravel; unconsolidated.
- **Muddy Creek Formation – upper conglomerate and sandstone member (Qp)**: Fine- to medium-grained sandstone with interbedded siltstone and conglomerate.

**TERTIARY VOLCANIC ROCKS**

**Basalt flows (Qf)**

- **andesite (Qf)**: Fine- to medium-grained, moderately altered andesite.

**Oligocene-Miocene**

- **Clayey deposits (Qdel)**: Discontinuous, tan to light brown clays.
- **Muddy Creek Formation – upper conglomerate and sandstone member (Qp)**: Conglomerate and sandstone.
- **Sandstone and siltstone**: Interbedded tan, light pink, and red-orange sandstone and siltstone with interbedded marl.

**OCURRENCE DEPOSITS**

- **County road cuttings**: Exposed Precambrian and Tertiary rocks.
- **Lake Mead exposures (Qoa1)**: Moderately to strongly altered, fine- to medium-grained, moderately altered andesite.

**SYMBOLS**

- **Faults**: Solid white lines; dotted when approximate or inferred; dotted when unconfirmed; both on both sides of line.
- **Reservior**: Black rectangles; shaded when approximate or inferred; dotted when unconfirmed; both on both sides of line.
- **Sedimentary**: Solid white lines; dotted when approximate or inferred; dotted when unconfirmed; both on both sides of line.
- **Volcanic**: Solid white lines; dotted when approximate or inferred; dotted when unconfirmed; both on both sides of line.

**DESCRIPTION OF UNITS**

**Quaternary Deposits**

- **Dredge sandstone member (Qp)**: Fine- to medium-grained sandstone with interbedded siltstone and conglomerate.
- **Muddy Creek Formation – upper conglomerate and sandstone member (Qp)**: Conglomerate and sandstone.
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**Symbology** (from FGDC-STD-013-2005)

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**RELATIVE MOTION**

- **Shoreline uplift**: Solid black lines; dotted when approximate or inferred; both on both sides of line.

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**Sedimentary Deposits**

- **Alkali felsite (Qoa1)**: Moderately to strongly altered, porphyritic, medium- to coarse-grained felsite.
- **Mafic volcanic rocks (Qoa2)**: Moderately to strongly altered, fine- to medium-grained mafic volcanic rocks.
- **Quartzite (Qoa3)**: Fine- to medium-grained, generally unaltered quartzite.

**Tertiary Sedimentary Rocks**

- **Muddy Creek Formation – upper conglomerate and sandstone member (Qp)**: Conglomerate and sandstone.
- **Sandstone and siltstone**: Interbedded tan, light pink, and red-orange sandstone and siltstone with interbedded marl.
- **Sandstone and siltstone**: Interbedded tan, light pink, and red-orange sandstone and siltstone with interbedded marl.

**Tertiary Volcanic Rocks**

- **Basalt flows (Qf)**: Fine- to medium-grained, moderately altered andesite.
- **andesite (Qf)**: Fine- to medium-grained, moderately altered andesite.