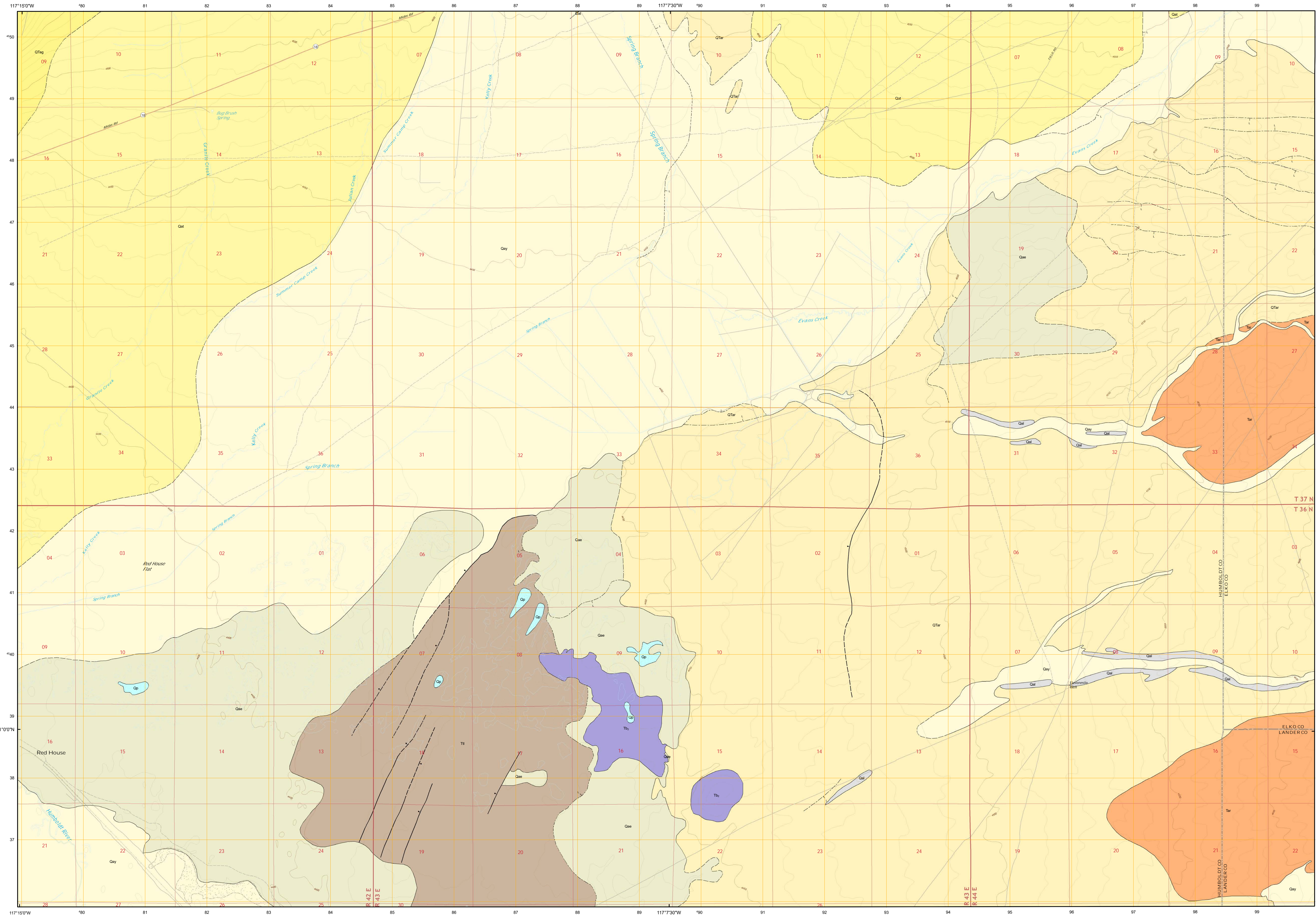
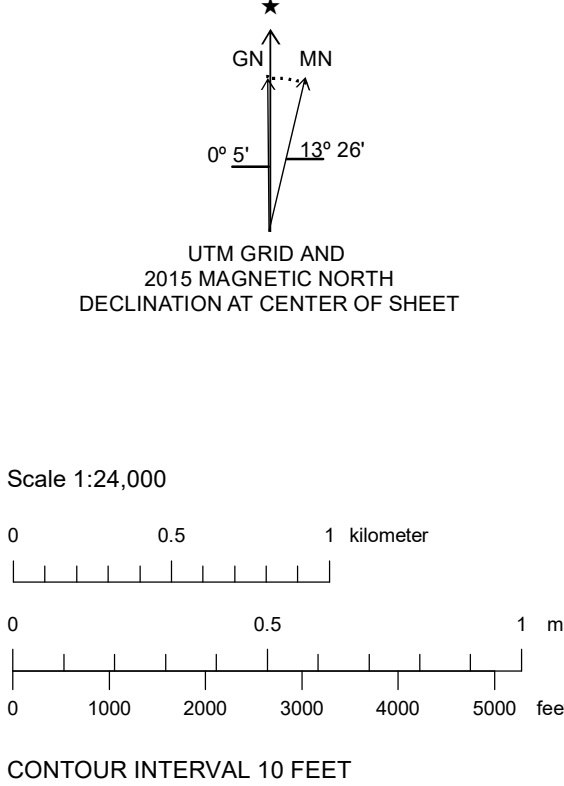
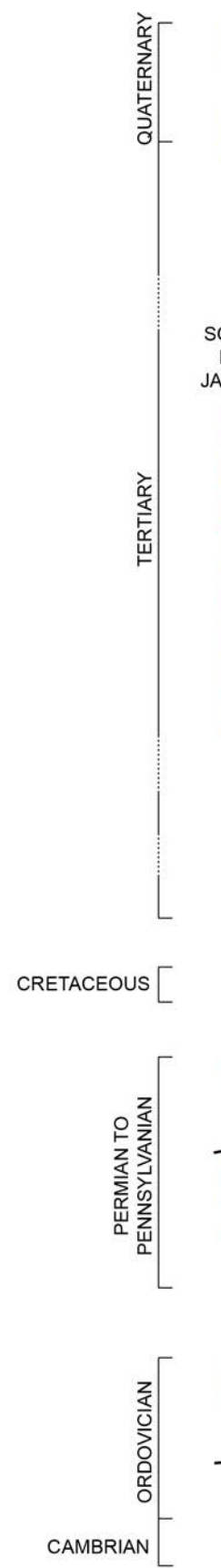


**PRELIMINARY GEOLOGIC MAP OF THE KELLY CREEK AREA,  
HUMBOLDT, ELKO, AND LANDER COUNTIES, NEVADA**  
**PLATE 2 OF 2**  
**Joseph A. Laravie**  
**Great Basin GIS, Spring Creek, NV**  
**2018**



**QUATERNARY DEPOSITS**  
Qp Plays and modern lake deposits  
Qae Eolian silt and sand  
Qay Active and recent alluvial deposits  
Qal Levee deposits  
Qat Inactive fluvial terrace and distal alluvial-fan deposits  
Qta Older alluvial-fan deposits of rhyolitic provenance  
Qtaf Older alluvial-fan deposits of granitic provenance  
**TERTIARY VOLCANIC AND SEDIMENTARY ROCKS**  
Tt Basalt  
Tt1 Older alluvial-fan deposits  
**UNCONFORMITY**  
Tt2 Tuffaceous sand, silt, and clay

**Contact** Solid where certain and location accurate, dashed where approximately located.  
**Fault** Solid where certain and location accurate, dashed where approximately located, dotted where cotectored. Bal-and-bar on downthrown side.  
**Offset** in surface elevation. L on lower side. Interpreted as resulting from erosion, not faulting. In some locations also forms geologic contacts.



Adjoining 7.5' quadrangle names

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

- Adam Peak
- Dry Hills South
- The Knolls
- Jake Creek Mountain
- Red House Flat West
- Red House Flat East
- Ebenezer Well
- Midas SW
- Iron Point
- Knight
- Hot Pot
- Izzenhood Ranch
- Brooks Spring
- Vainoy
- Ellison
- Russell

Projection: Universal Transverse Mercator, Zone 11, North American Datum 1983 (m)  
Base maps: U.S. Geological Survey Red House Flat East 7.5' quadrangle (2016)  
U.S. Geological Survey Knight 7.5' quadrangle (2016)  
U.S. Geological Survey Hot Pot 7.5' quadrangle (2016)

See text for full unit descriptions, discussion, and references for this map.

**Suggested Citation:**  
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Hendrick School of Earth Sciences and Engineering  
College of Science  
University of Nevada, Reno  
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Supported in part by the Geological Society of Nevada

**DRAFT**  
Preliminary geologic map  
This map is for informational purposes only. It is not intended for use in legal proceedings or for other purposes where the accuracy of the map is critical. The map is subject to change without notice and is not intended to be used as a basis for any legal action.

Completion by Joseph A. Laravie  
Cartography and map production in ESRI ArcGIS v10.5.1 (ArcGIS v10.5.1)  
quadrangle (2016)  
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