Basin and Range, Nevada, U.S.A. [Ph.D. thesis]: Stanford University, 179 p.

UTM GRID AND 1981 MAGNETIC NORTH

DECLINATION AT CENTER OF TUNNEL SPRING SHEET

Scale 1:62,500

PRELIMINARY GEOLOGIC MAP OF THE SAHWAVE AND NIGHTINGALE RANGES, CHURCHILL, PERSHING, AND WASHOE COUNTIES, NEVADA

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Nicholas Van Buer, 2012, Preliminary geologic map of the Sahwave and Nightingale Ranges, Churchill, Pershing, and Washoe Counties, Nevada: Nevada Bureau of Mines and CONTOUR INTERVAL 40 FEET (Russell Peak, Black Warrior Peak, Telephone Well) Geology Open-File Report 12-2, scale 1:62,500, 12 p. text. CONTOUR INTERVAL 10 METERS (Jayhawk Well, Juniper Pass, Blue Wing Flat North, Tohakum Peak NE, Tunnel Spring, Bob Spring, Tohakum Peak SE, Sage Hen Spring, Bluewing Spring)

Projection: Universal Transverse Mercator, Zone 11, North American Datum 1927 (m) Base map: U.S. Geological Survey Jayhawk Well 7.5' quadrangle (1981) Juniper Pass 7.5' quadrangle (1981), Blue Wing Flat North 7.5' quadrangle (1981), Tohakum Peak NE 7.5' quadrangle (1981), Tunnel Spring 7.5' quadrangle (1981)

Map Location

Bob Spring 7.5' quadrangle (1981), Tohakum Peak SE 7.5' quadrangle (1964),

Telephone Well 7.5' quadrangle (1986)

Sage Hen Spring 7.5' quadrangle (1981), Bluewing Spring 7.5' quadrangle (1981),

Russell Peak 7.5' quadrangle (1986), Black Warrior Peak 7.5' quadrangle (1986),

Jayhawk Well Juniper Pass 10. Blue Wing Flat North Tohakum Peak NW 12. Tohakum Peak NE

13. Tunnel Spring

Adjoining 7.5' quadrangle names San Emidio Desert North
Bob Spring Kumiva Peak 15. Blue Wing Flat South Betty Creek Dove Creek 17. Tohakum Peak SE Twin Buttes Well Seven Troughs NW 18. Sage Hen Spring 6. San Emidio Desert South 19. Bluewing Spring Purgatory Peak Ragged Top Mountain SW

22. Russell Peak

25. Jessup

23. Black Warrior Peak Z4. Telephone Well

vada Bureau of Mines and Geology Partial support provided by the U.S. Geological Survey, National Cooperative Geologic Mapping Program, National Science Founda Tectonics grant (0809226), Stanford McGee Grants, GSA Student Research Grant, with stipend support from the Burt and DeeDee McMurtry Fellowship, and prepared with support from the Geological Society of Nevada. Preliminary geologic map Has not undergone office or field review Compilation by Nicholas Van Buer Cartography Nicholas Van Buer and Matthew Richardson First Edition, May 2012 Printed by Nevada Bureau of Mines and Geology Nevada Bureau of Mines and Geology 2175 Raggio Pkwy Reno, Nevada 89512 ph. (775) 682-8766

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