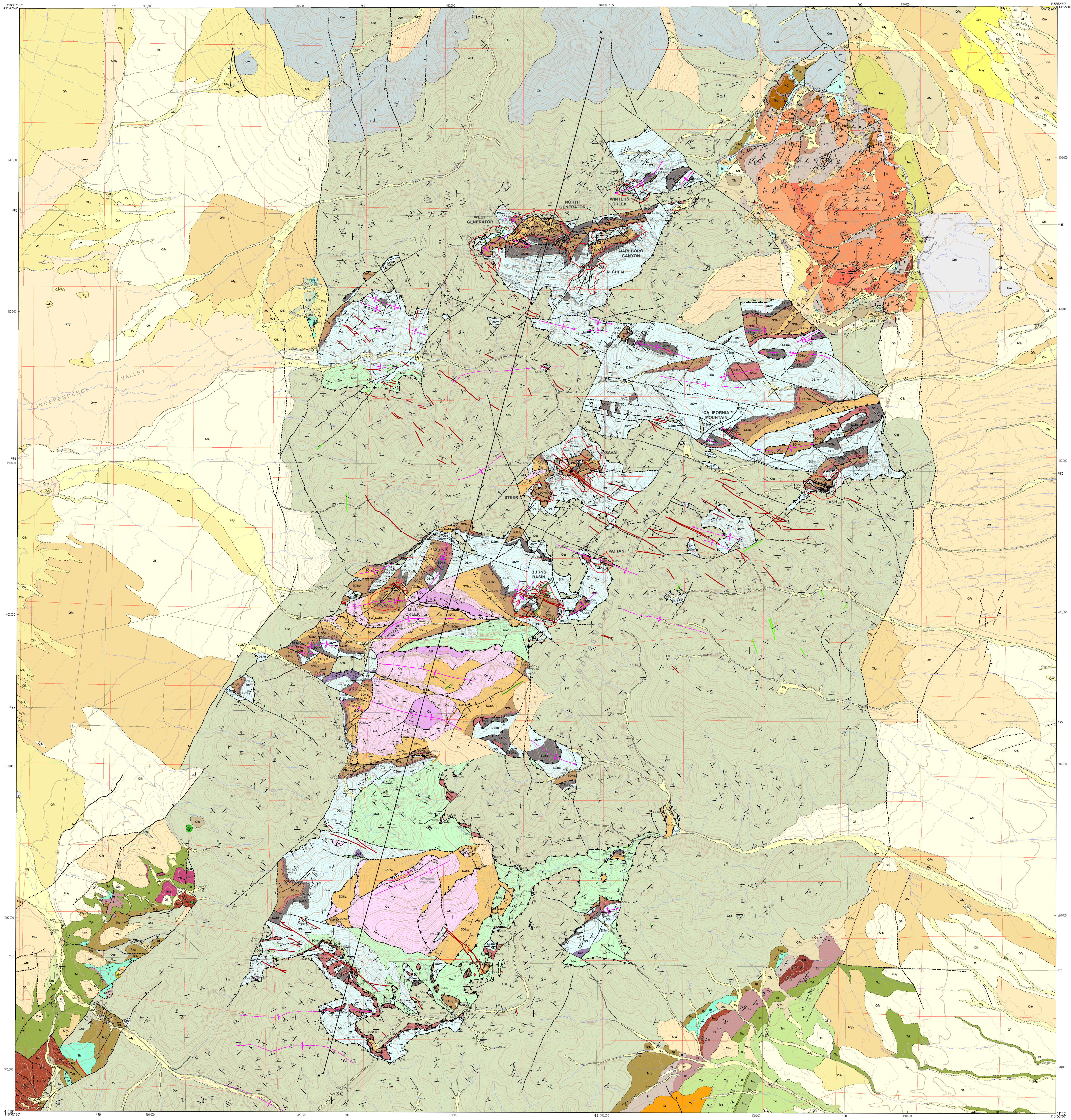
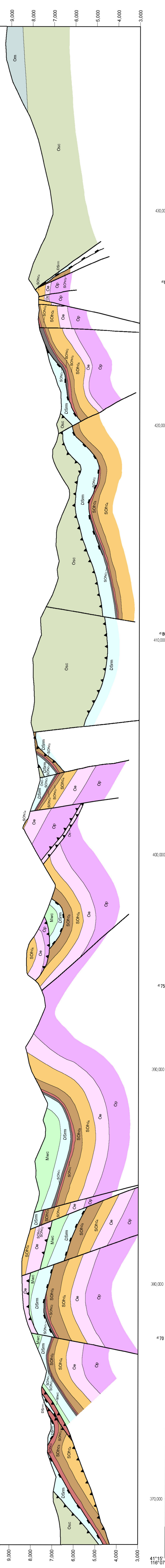
Prepared as part of the STATEMAP component of the National Cooperative Geologic Mapping Program in cooperation with the U.S. Geologic Survey and with support from Yukon-Nevada Gold Corp.





PRELIMINARY GEOLOGIC MAP OF THE JERRITT CANYON MINING DISTRICT, ELKO COUNTY, NEVADA

John L. Muntean and Christopher D. Henry

2007

Quaternary Surficial Deposits

Qm Surface mine facilities Includes structures, tailings pond, roads, ore stockpiles, and dumps. Insufficient information to interpret underlying geology.

Qc Colluvium

Qls Landslide deposits

Qp Playa deposits (Quaternary) A small (~150 m diameter) closed depression along the downthrown side of a northeast-striking fault north of Taylor Canyon in the Water Pipe Canyon Quadrangle is filled with soft clay. The depression is filled with water in the spring and early summer.

Lithologic contact Solid where continuously exposed, such as in pit walls. Dashed where inferred between outcrops. Dotted where concealed. Dash-dotted where intraformational and inferred.

Slippage contact Showing dip, teeth on upper unit. Commonly marked by breccia, small-scale fold and bedding discordance but overall offsets are minor. Solid where continuously exposed, such as in pit walls. Dashed where inferred between outcrops. Dotted where concealed.

Fault Arrow indicates dip direction. U and D refer to relative up and down. Balls indicate downthrown sides of normal faults. Solid where continuously exposed, such as in pit walls. Dashed where inferred between outcrops. Dotted where concealed.