



EXPLANATION

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|------------------------------------|-----------|--------------|---|--|
| TERTIARY | OLIGOCENE | Qal | Quaternary alluvium | |
| | | Trdi | Rhyodacite dikes and plugs | |
| | | Ttp | Tuff of Twin Peaks—rhyolite-quartz latite ash fall tuff, white to light gray with abundant quartz phenocrysts | |
| | | Unconformity | Unconformity | |
| | | Twm | Tuff of Williams Ridge—partially to strongly welded quartz latite ash-flow tuff with abundant quartz and biotite phenocrysts, light gray to dark purple, flow boundaries shown where mappable | |
| | PALEOZOIC | DEVONIAN | Trd | Rhyodacite lava flows—dark gray to purple, massive to flow banded flows and flow breccias |
| | | | Dn | Nevada Formation (?)—dark gray, thick bedded to platy limestone |
| | | ORDOVICIAN | Ou | Undifferentiated Ordovician cherts, silts and silty limestone, Ouc—cherts, Oul—platy limestone |
| | | | Fault, showing dip and relative movement. Dashed where inferred | |
| | | | Contact, dashed where inferred | |
| Strike and dip of beds | | | | |
| Strike and dip of overturned beds | | | | |
| Strike and dip of flow banding | | | | |
| Thrust fault, teeth on upper plate | | | | |
| Trend and plunge of fold axis | | | | |
| Prospect pit | | | | |

ALTERATION AND METALIZATION

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|---------------|-------------------------------------|
| Weak → Strong | Jasper—total silicification of rock |
| | Argillic alteration |
| | Iron oxide staining |

PLATE I

BAS PROJECT GEOLOGIC MAP

NYE COUNTY, NEVADA

JUNE, 1983

T4N, R49I/2, 50E

DESERT VENTURES, INC.

MINERAL EXPLORATION SERVICES

RENO, NEVADA